



Resource Technology Corporation

Catalog of Reference Materials for Pharmaceutical Analysis



An ISO 9001 Registered Company

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Introduction

About R.T. Corporation (RTC)

Established in 1988, RTC is a distributor of Pharmaceutical Reference Substances from the European Pharmacopoeia (EP), British Pharmacopoeia (BP) and other major pharmaceutical producers around the world. Since we are in the United States, it is easy to place and follow up an order by mail, telephone, fax and email. All orders are billed in US Dollars eliminating the cost and problems of currency conversion. We have all the necessary permits and registrations to process orders through customs, FDA, USDA, DEA, etc. RTC has offices located near major pharmacopoeia to expedite delivery.

About the Catalog

This is the 2004 Edition of the Resource Technology Corporation (RTC) Catalog of Reference Materials for Pharmaceutical Analysis. This catalog replaces the Catalog of Reference Materials for Pharmaceutical Analysis 2000 Edition and all subsequent updates.

The information provided in the catalog is based on the "official" pharmacopoeial lists in September 2003 and is correct at the time of print. Original descriptions and spellings used by the producers have been retained.

A regularly updated version of this catalog is available from R.T. Corporation website at <http://www.RT-Corp.com>, where pages can be reviewed and downloaded for printing.

Pharmaceutical Reference Substances

Certification

The products described in this catalog include pharmaceutical reference substances for use in pharmaceutical analysis. Pharmaceutical CRSs should be distinguished from certified reference materials (CRMs), which are produced in conformity with the ISO guides 30 to 35, and supplied with a detailed certification document.

Pharmaceutical reference substances are produced for a specific purpose, and manufacturers follow rigorous protocols to ensure the reference substance is fit for the intended purpose. The "certification" processes follow the basic requirements of the relevant ISO REMCO guides, but are modified by the pharmacopoeia to reflect the particular demands of the associated pharmaceutical monograph.

Details are given in the introduction to each section listing the various CRS collections in the catalog.

Shelf Life, Storage and Expiration Dates

Pharmaceutical CRSs should be purchased when required and not stored for a prolonged period. Pack sizes are designed to allow a limited number of replicate analyses, as required by Good Analytical Practice, but the open pack should not be kept for future use. The recommended short-term storage temperature is +4°C (please check all individual storage temperature requirements) and the substance should be kept away from humidity and light (unless otherwise stated).

Specific lot numbers or letters are allocated to all pharmaceutical reference substances, but no expiration dates are set. New lots are normally prepared well in advance of the expected "sell-out" of the current lot.

When a substance is withdrawn from sale because the lot has been depleted a final expiration date is given, by which time any material from the outgoing lot held by users must be used. This means that for a period of time both lots are "official".

If a material is withdrawn by the producer, then all stocks held by the users are no longer valid and have to be destroyed. Should this occur, R.T. Corporation will inform all customers who have purchased the withdrawn substance. Please note that such a situation is outside R.T. Corporation's control and products are not refundable.

Impurity standards

Impurities in a pharmaceutical substance can change the effects and side effects of a drug significantly. Therefore, it is important to have an accurate detection of impurities. The pharmaceutical monographs regulate the legal definition, the analysis and limits of impurities of a given substance.

An official range of impurity standards is available from the main Pharmacopoeia where a CRS is required in the monograph. Other impurity standards are listed in the Pharmaceutical impurities section of this catalog.

Controlled Substances

A number of pharmaceutical substances, notably narcotics, tranquilizers and drugs of abuse, described in this catalog are Controlled Substances in their country of origin and are marked **Controlled Substance** against the product description.

The purchase, possession and use of Controlled Substances are subject to national and international regulation designed to limit their abuse. It is the responsibility of the customer to obtain any authorization necessary to both purchase and possess Controlled Substance, complying with the laws of the importing country, before ordering.

Customers wishing to obtain Controlled Substances must contact R.T. Corporation before ordering, and clarify with the sales representative the relevant national requirements, the associated charges and consequential delivery times. All orders for Controlled Substances must be provided in writing and signed by an authorized person. The orders must be accompanied with a copy of the original import permit and/or possession permit.

Use, safety and handling

Please read any documents supplied with the product before opening or using it. Particular attention must be paid to instructions referring to pre-mixing, addition of diluent to lyophilized material and to the minimum size of sample to be used.

The latter point is particularly important as it had normally been set by the producer after considering fully the homogeneity testing data obtained as a part of the certification exercise. The use of smaller than recommended samples is one of the commonest source of error.

Some pharmaceutical substances are toxic and require special handling. These substances are identified in the catalog. Virtually all pharmaceutical reference substances have a pharmacological and/or biological activity. We therefore recommend that all the products described in this catalog should be handled as if they were bio-active, toxic or infective, and that opened packs should only be handled by trained laboratory personnel.

We recommend a full risk assessment be carried out for every product purchased, taking particular care to include reference sources such as Martindale's Extra Pharmacopoeia and suppliers Material Safety Data Sheets for potential pharmacological effects.

All pharmaceutical reference substances and standards are for laboratory analytical use only and not for use in humans.

General Ordering Information

Pricing and delivery procedures are described in the Pricing Information section located in the back of this catalog, or are available from R.T. Corporation. For products requiring special delivery procedures (cooled shipping, special licensing, Controlled Substances) additional charges may be applied.

Please note that once delivered to the customer, reference substances are not returnable.

Customers requiring assistance with the purchase, use or application of a particular reference substance should contact R.T. Corporation where technical staff is available to advise on the use and suitability of the products.

European Pharmacopoeia

Background

The European Pharmacopoeia Commission, which meets three times a year, includes in its membership delegates from nations who have adopted the European Pharmacopoeia.

At the Commission's meetings new monographs are adopted, and from the adoption of the new monographs new EP CRS may be released. Once EP new monographs are adopted by the EP Commission they are published in an annual publication. They are adopted by the Member States on January 1 of the following year.

To support the monographs of the European Pharmacopoeia a collection of reference substances has been made available which includes:

1. Current, official, European Chemical Reference Substances (EP CRS)
2. Reference Spectra
3. Reference preparations, including Enzymes and Substrates for the International Commission of Pharmaceutical Enzymes and Certified Viscosity Standards from Van Swinden Laboratories

New lists of EP CRS are published three times each year. The list in this catalog is taken from EP list number 35 of September 2003 (please refer to supplement for updates).

Relationship with other pharmacopoeia in Europe

It will be appreciated that as soon as an EP monograph comes into force any reference substance, spectra or preparation required will be made available.

When an EP monograph is adopted by the pharmacopoeia of a member state of the Council of Europe then any reference material that may have been available from a national pharmacopoeia, e.g. BP or FP, will be discontinued in favor of the EP reference substance.

Many of the member countries of the European Pharmacopoeia Commission have adopted the EP in full, and their monographs require only EP CRS. A number of countries who are members of the EP Commission maintain national pharmacopoeial monographs, especially for dose forms, which require the use of separate reference substances. The following sections of the catalog include lists of the Reference Substances produced for the British, French and Swiss Pharmacopoeia monographs.

Other EP Commission member countries have national monographs which do not require special reference substances, such as the German DAB, whilst others like the Italian Pharmacopoeia use a mixture of EP CRS and reference substances from the International Pharmacopoeia.

The IP reference substances are described in the section of this catalog referring to the World Health Organization (WHO).

Production and certification

European Pharmacopoeia reference substances and preparations are selected and verified by the EP Laboratories as being suitable for the use as prescribed in the relevant monograph of the European Pharmacopoeia.

Documentation

Since CRS and BRP are officially certified by the European Pharmacopoeia Commission, which adopts the reports establishing their suitability to the intended use, it should be noted that neither certificates of analysis nor data not relevant to the use of the products as defined by the Ph. Eur. monograph are provided with the reference product or substance.

Proper use

Reference substances from the EP are designed for specific applications which are identified by a code number, or numbers, included in each product description.

Uses other than those shown on the next side are possible, but the user is responsible for checking the suitability of the EP CRS for any non Monograph use.

- 1 Identification by infrared spectrophotometry
- 2 Identification by thin layer chromatography
- 3 Identification by melting point
- 3A Identification by depolymerisation
- 4 Identification by liquid chromatography
- 4A Identification by peptide mapping
- 5 Identification by electrophoresis
- 5A Identification by size-exclusion chromatography
- 6 Identification by gas chromatography
- 7 Identification by nuclear magnetic resonance spectrometry
- 8 Identification by UV spectrophotometry or colorimetry
- 8A Test for related substances by UV spectrophotometry or colorimetry
- 9 Test for related substances by thin layer chromatography
- 10 Test for related substances by liquid chromatography
- 11 Test for related substances by size-exclusion chromatography
- 12 Test for related substances by electrophoresis
- 13 Test for related substances by gas chromatography
- 14 Assay by UV spectrophotometry or colorimetry
- 15 Assay by liquid chromatography
- 15A Assay by size-exclusion chromatography
- 16 Assay by gas chromatography
- 17 Microbiological assay
- 18 Bioassay
- 19 Immunoassay
- 19A Chromogenic substrate assay
- 20 Assay by volumetric titration
- 20A Assay by hydrolysis rate
- 21 General methods
- 22 Other purpose

Where no drying conditions are stated, the substance is to be used as received.

Opening

For reference substances and preparations supplied in sealed glass ampoules the following technique is suitable for opening the ampule: tap gently to collect the material at the lower end, score the ampule with a file; heat a glass rod to white heat and apply firmly to the file mark. If the glass does not crack, deepen and extend the file mark, and repeat the process. Eye and hand protection MUST be used.

Many reference substances are supplied as lyophilized material in a septum vial. No attempt should be made to open the vial and weigh out the powder. It is important that the monograph instructions are precisely followed and the material reconstituted in a buffer solvent and the resultant solution handled volumetrically.

Storage, shelf life and expiry dates

European Pharmacopoeia chemical reference substances are subject to regular inspection and repeated analysis by EP scientific staff. Each EP CRS is, on receipt by the customer, fit for the intended use.

EP recommend only sufficient material should be purchased for immediate use and that unopened vials be stored in the dark at + 4°C unless otherwise indicated.

No expiration date is indicated on the reference material because the products or substances comply with the requirements of the corresponding monograph and are monitored regularly. When batches are to be changed, the EP CRS catalog shows the date on which the lot will no longer be official. Once opened, EP can no longer guarantee the stability of the material and any of the CRS not used should be disposed of and not kept for future use.

In specific cases for reasons related to filling or labeling, sub batches a, b, c,... are obtained from the same batch of bulk material. However, all the necessary precautions are taken in order to guarantee that the quality and specifications of the sub batches do not differ from one to another.

All products shipped under ice are stored at -20°C (except Amphotericin B, Hepatitis A vaccine, Nystatin and Sumatriptan succinate which are stored at +4°C).

All products shipped under dry ice are stored at -80°C.

All products shipped under normal conditions are stored at +4°C.

While most EP CRS can be shipped at ambient temperature, certain items have to be maintained at controlled temperatures at all times and are subject to special shipping charges: details are available on request.

Toxicity

The potential toxicity of certain reference substances is such that special precautions are needed during use to avoid contact.

Such substances should be manipulated in a glove box, otherwise protective gloves, eye protection and a mask should be worn.

Following the guidelines suggested by the EP does not replace the need to carry out a full hazard assessment.

Biological and blood products should be regarded as potentially hazardous to health and used and disposed of according to established laboratory safety procedures.

Controlled substances

The EP list contains substances subject to controlled substance regulations schedules. Special ordering procedures apply, please contact R.T. Corporation for details and costs.

Material safety data sheets

Material safety data sheets are available on request and are included in CD-ROM editions of the European Pharmacopoeia monographs or from R.T. Corporation.

Even so the information provided has been compiled from data provided by suppliers and from the public domain and has not been independently verified by the EP scientific staff and can, in consequence, not be guaranteed.

European Pharmacopoeia



Code	Product	Use	Unit
EPY0000055	Acamprosate calcium Reference Spectrum		unit
EPY0000116	Acamprosate impurity A 3-aminopropane-1-sulphonic acid	9	50 mg
EPA0040000	Acebutolol hydrochloride	1-2	50 mg
EPY0000127	Acebutolol impurity C N-(3-acetyl-4-hydroxyphenyl)butanamide	10	20 mg
EPY0000128	Acebutolol impurity I N-[3-acetyl-4-[(2RS)-3-(ethylamino)-2-hydroxypropoxy] phenyl] butanamide	10	20 mg
EPY0000056	Aceclofenac Reference Spectrum		unit
EPY0000085	Aceclofenac impurity F benzyl[[[2-[(2,6-dichlorophenyl)amino] phenyl]acetyl]oxy]acetate	10	50mg
EPY0000086	Aceclofenac impurity H [2-[(2,6-dichlorophenyl)amino]phenyl]acetyl[oxy]acetyl[oxy] acetyl[oxy] acetic acid)	10	25 mg
EPA0050000	Acenocoumarol	9	20 mg
EPA0070000	Acesulfame potassium	1-2-10	100 mg
EPA0070020	Acesulfame potassium impurity B 5-chloro-6-methyl-1,2,3-oxathiazin-4(3H)-one 2,2-dioxide	10	60 mg
EPA0100000	Acetazolamide	1	100 mg
EPY0000002	Acetylcholine Chloride <i>Store at -20°C Cool pack</i>	1-9	50 mg
EPA0150000	Acetylcysteine	2-4-10	50 mg
EPA0152000	Acetylcysteine impurity C N,N'-diacetyl-L-cystine	10	10 mg
EPA0153000	Acetylcysteine impurity D N,S-diacetyl-L-cysteine	10	10 mg
EPA0200000	Acetylsalicylic acid	1	100 mg
EPA0208000	N-Acetyltryptophane	1-2	125 mg
EPA0202000	N-Acetyltyrosine	1-2-9	200 mg
EPA0220000	Aciclovir	1-10	75 mg
EPA0221000	Aciclovir impurity A 2-[(2-amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy]ethyl acetate	9-10	30 mg
EPA0225000	Acitretin	1-4-10-15	100 mg
EPA0230000	Adenine	1-2-9	50 mg
EPA0230200	Adenosine	1-9	50 mg
EPY0000110	Adipic acid	1	50 mg
EPA0300000	Adrenaline tartrate	1-9	200 mg
EPA0325000	Alanine	1-2-9	50 mg
EPA0325100	Albendazole	1-10	50 mg
EPA0325200	Alcuronium chloride	1-2-9	100 mg
EPA0325451	Alfacalcidol Reference Spectrum		unit
*EPA0325450	Alfacalcidol <i>Store at -20°C Cool pack</i>	4-10-15	5 mg
EPA1225000	Alfadex	4-10-15	150 mg
EPA0325500	Alfentanil hydrochloride Reference Spectrum		unit
EPA0325800	Alfuzosin hydrochloride	1	50 mg
EPA0325801	Alfuzosin impurity A N-[3-[(4-amino-6,7-dimethoxyquinazolin-2-yl)(methyl)-amino]propyl] furan-2-carboxamide	10	20 mg
EPA0349000	Allantoin	1-2-9	60 mg
EPA0350000	Allopurinol	1-2-15	50 mg
EPA0350010	Allopurinol impurity A 5-amino-1H-pyrazole-4-carboxamide	10	50 mg
EPA0350020	Allopurinol impurity B 5-formylamino-1H-pyrazole-4-carboxamide	10	20 mg

Code	Product	Use	Unit
EPA0350030	Allopurinol impurity C N-(4H-1,2,4-triazol-4-yl)1H-pyrazole-4-carboxamide	10	20 mg
EPA0350040	Allopurinol impurity D ethyl 5-amino-1H-pyrazole-4-carboxylate	10	10 mg
EPA0350050	Allopurinol impurity E ethyl 5-(formylamino)-1H-pyrazole-4-carboxylate	10	20 mg
EPA0351000	Allylstrychnine bromide	10	10 mg
EPY0000235	Almagate	22	25 mg
EPY0000255	Almagete Reference Spectrum		unit
EPA0357000	Alprazolam Controlled Substance	1-2-3-10	125 mg
EPA0359000	Alprenolol benzoate	1-9-10	125 mg
EPA0360000	Alprenolol hydrochloride	1-2-9-10	100 mg
EPY0000054	Alprostadil	1-10-15	50 mg
EPA0363000	Amantadine hydrochloride	1	100 mg
EPA0363700	Ambroxol hydrochloride	1-2	125 mg
EPA0365000	Amidotrizoic acid dihydrate	1-2-9	100 mg
EPA0368000	Amikacin	1-2-10-15	200 mg
EPA0368010	Amikacin Impurity A 4-O-(3-amino-3-desoxy-alpha-D-glycopyranosyl)-6-O-(6-amino-6-desoxyalpha-D-glucopyranosyl)-N1-[(2S)-4-amino-2-hydroxybutanoyl]-2-dsoxy-L-streptamine	10-15	50 mg
EPA0365900	Amikacin sulphate	1-2-10-15	200 mg
EPA0370000	Amiloride hydrochloride	1-2	100 mg
EPY0000020	Amiloride impurity A Methyl3,5-diamino-6-chloropyrazine-2-carboxylate	10	50 mg
EPY0000173	4-Aminobenzoic acid	1-2	60 mg
EPA0420000	Aminocaproic acid	1-2-9	50 mg
EPA0460000	7-Aminodesacetoxycephalosporanic acid	9	100 mg
EPA0496000	Aminoglutethimide	1-2	125 mg
EPA0496005	Aminoglutethimide impurity A (3RS)-3-(3-aminophenyl)-3-ethylpiperidine-2,6-dione;(3-aminoglutethimide)	10	20 mg
EPA0496020	Aminoglutethimide impurity D 3,3'-[diazenediyl]di(4,1-phenylene)]bis(3-ethylpiperidine-2,6-dione)(azoglutethimide)	10	10 mg
EPA0560000	5-Amino-2,4,6-triiodo-N methylisophthalamide acid	9	20 mg
EPA0575000	Amiodarone hydrochloride	1-2-9	100 mg
EPY0000129	Amiodarone impurity D (2-butyl-benzofuran-3-yl)-(4-hydroxy-3,5-diiodophenyl)methanone	10	20mg
EPY0000130	Amiodarone impurity E (2-butyl-benzofuran-3-yl)-(4-hydroxyphenyl)methanone	10	20mg
EPA0590000	Amisulpride	1	50mg
EPA0590002	Amisulpride impurity A [(2RS)-1-ethylpyrrolidin-2-yl]methanamine	10	40mg
EPA0590004	Amisulpride impurity B 4-amino-N-[[[(2RS)-1-ethylpyrrolidin-2-yl] methyl-5-(ethylsulphonyl)-2-hydroxybenzamine	10	20 mg
EPA0600000	Amitriptyline hydrochloride Reference Spectrum		unit
EPY0000049	Amlodipine besylate	1-2-15	150 mg
EPA0650000	Amobarbital Controlled Substance	1-2-3	500 mg
EPA0700000	Amobarbital sodium Controlled Substance	1-2-3	500 mg
EPA0800000	Amoxicillin trihydrate	1-2-15	100 mg
EPA0900000	Amphetamine sulphate Reference Spectrum		unit
EPY0000005	Amphotericin B <i>Store at -20°C Cool pack</i>	1-17	500 mg

European Pharmacopoeia



Code	Product	Use	Unit
EPA1000000	Ampicillin (anhydrous)	1-2-15	250 mg
EPA1050000	Ampicillin sodium	2	50 mg
EPA1100000	Ampicillin trihydrate	1-2-15	50 mg
EPA1200000	Anhydrotetracycline hydrochloride	10-15	10 mg
EPA1210000	Antazoline hydrochloride	1-2-9	50 mg
EPY0000172	Apomorphine hydrochlorine Reference Spectrum		unit
EPA1220000	Alpha-apo-oxytetracycline	10-15	20 mg
EPA1230000	Beta-apo-oxytetracycline	10-15	20 mg
*EPA1250000	Aprotinin solution BRP	2	0.5 ml
EPA1269000	L-Arabinitol	13	50 mg
EPA1270000	Arginine	1-2-9	50 mg
EPA1271000	Arginine hydrochloride	1-2-9	50 mg
EPY0000079	Articaine hydrochloride	10	100 mg
EPY0000080	Articaine impurity A methyl3-[[2-(propylamino)acetyl]amino]-4-methylthiophene-2-carboxylate	10	10 mg
EPY0000081	Articaine impurity E methyl4-methyl-3-[[[(2RS)-2-[(1-methylethyl)amino]propanoyl]amino]thiophene-2-carboxylate	10	10 mg
EPA1300000	Ascorbic acid	1-18	100 mg
EPA1315000	Ascorbyl palmitate Reference Spectrum		unit
EPA1320000	Aspartame	1-2	40 mg
EPA1321000	Aspartame impurity A 2-(5-benzyl-3,6-dioxopiperazin-2-yl)acetic acid (diketopiperazine)	10	10 mg
EPA1330000	Aspartic acid	1-2-9	50 mg
EPA1335000	Astemizole	1-2-10	150 mg
EPA1340000	Atenolol	1-2	100 mg
EPY0000234	N,N-Dimethylacetamide Reference Spectrum		unit
EPA1341000	Atenolol for column validation	10	100 mg
EPY0000231	Atropine Reference Spectrum		unit
EPY0000230	Atropine for system suitability	10	0.4mg
EPA1400000	Atropine sulphate	1	50 mg
EPY0000029	Azaperone	1-10	50 mg
EPA1500000	Azathioprine	1	100 mg
*EPY0000285	B19 virus DNA for NAT BRP <i>Store at -20°C Cool pack</i>	22	unit
EPB0070000	Bacampicillin hydrochloride	1-2-10-15	50 mg
EPB0100000	Bacitracin zinc <i>Store at -20°C Cool pack</i>	2-17	200 mg
EPB0200000	Baclofen	1-2	50 mg
EPB0200050	Baclofen impurity A (RS)-4-amino-3-(4-chlorophenyl)butyric acid lactam	10	50 mg
EPB0250000	Bambuterol hydrochloride	1	100 mg
EPB0300000	Barbital Controlled Substance	1-2-3	500 mg
EPB0310000	Beclometasone 17-propionate	10	10 mg
EPB0320000	Beclometasone 21-propionate	10	10 mg
EPB0305000	Beclometasone dipropionate	1-2-10-14	150 mg
EPB0400000	Bendroflumethiazide	1-2-9	100 mg
EPY0000044	Benfluorex hydrochloride	1	50 mg
EPY0000043	Benfluorex hydrochloride for system suitability	10-13	360 mg
EPB0470000	Benperidol	1-2-10	100 mg
EPB0477000	Benserazide hydrochloride	1-10	50 mg
EPB0477010	Benserazide impurity A (RS)-2-amino-3-hydroxypropanohydrazide	10	20 mg
EPB0490000	Benzarone	10	10 mg
EPB0500000	Benzathine benzylpenicillin	1-2-10-15	125 mg

Code	Product	Use	Unit
EPB0505000	Benzbromarone Reference Spectrum		unit
EPB0550000	Benzethonium chloride	2	100 mg
EPB0600000	Benzocaine	1-9	50 mg
EPB0650000	Benzoyl peroxide Reference Spectrum		unit
EPY0000167	Benzyl alcohol	1	50 mg
EPY0000214	Benzyl alcohol Reference Spectrum		unit
EPB0670000	Benzyl benzoate Reference Spectrum		unit
EPB0680000	S-Benzylmercaptoacetyltriglycin	10	10 mg
EPB0700000	Benzylpenicillin potassium	1-2	50 mg
EPB0900000	Benzylpenicillin sodium	1-2-10-15	200 mg
EPB0950000	Betadex	4-10-15	150 mg
EPB0990000	Betahistine mesilate	1-2-10	100 mg
EPB1000000	Betamethasone	1-2-10	75 mg
EPB1054000	Betamethasone 17-valerate	1-2-10	100 mg
EPB1055000	Betamethasone 21-valerate	2-10	30 mg
EPB1030000	Betamethasone acetate	1-2-10	100 mg
EPB1040000	Betamethasone dipropionate	1-2-10	100 mg
EPB1045000	Betamethasone sodium phosphate	1-2-10	70 mg
EPB1100000	Betanidine sulphate	1-9	100 mg
EPB1103000	Betaxolol hydrochloride	1-2	60 mg
EPB1103100	Betaxolol impurity A	10	10 mg
	(RS)-3-(4-ethylphenoxy)-1-[(1-methyl-ethyl)-amido]propan-2-ol		
EPB1115000	Bezafibrate	1-2	100 mg
EPB1110000	Bifonazole	1-2	100 mg
EPB1110004	4-[(RS)(biphenyl-4-yl)phenylmethyl]-1H-imidazole trifluoroacetate	10	40 mg
	Bifonazole impurity B trifluoroacetate		
EPB1116000	Biotin	1-2-9	50 mg
EPB1120000	Biperiden hydrochloride	1-2	60 mg
EPB1121000	Biperiden impurity A	2-13	30 mg
	(1RS)-1-[(1RS,2RS,4RS)-bicyclo[2.2.1]-hept-5-en-2-yl]-1-phenyl-3-(piperidin-1-yl)propan-1-ol (endo form)		
EPB1130000	1,3-bis(2-acetyl-3-hydroxyphenoxy)-2-propanol	9	50 mg
EPB1140000	Bisacodyl	1-2-9	50 mg
EPB1141000	Bleomycin sulphate <i>Store at - 20°C Cool pack</i>	4-10-17	7 mg
*EPB1142000	Bordetella pertussis mouse antiserum BRP <i>Store at -20°C Cool pack</i>	19	0.5mg
*EPB1143000	Bromazepam Controlled Substance	1-2-9	60 mg
EPB1145000	Bromhexine hydrochloride	1-2-9	100 mg
EPY0000200	Bromhexine impurity C	10	10 mg
	N-(2-aminobenzyl)-N-methylcyclohexanamine		
EPY0000003	Bromocriptine impurity A	10	10 mg
	(6aR,9R)-5-bromo-N-[(2R,5S)-2-(1-methylethyl)-5-(2-methylpropyl)-3,6-dioxo-2,3,5,6,9,10-hexahydro-8H-oxazolo[3,2-a]pyrrolo[2,1-c]pyrazin-2-yl]-7-methyl-4,6,6a,7,8,9-hexahydroindolo[4,3-fg]quinolone-9-carboxamide(2-bromodehydro-alpha-erogotamine)		
EPY0000004	Bromocriptine impurity B	10	10 mg
	(6aR,9R)-N-[(2R,5S,10aS,10bS)-10b-hydroxy-2-(1-methylethyl)-5-(2-methylpropyl)-3,6-dioxo-octahydro-8H-oxazolo[3,2-a]pyrrolo[2,1-c]pyrazin-2-yl]-7-methyl-4,6,6a,8,9-hexahydroindolo[4,3-fg]quinoline-9-carboxamide (alpha-erogocritine)		
EPB1150000	Bromocriptine mesilate <i>Store at -20°C Cool pack</i>	1-2-9	25 mg
EPB1152000	Bromperidol	1-2-10	100 mg
EPB1152050	Bromperidol decanoate	1-10	60 mg
EPB1153000	Brompheniramine maleate	1-6-13	100 mg
EPB1155000	Brucella melitensis Rev. 1 strain BRP	18	1 mg

European Pharmacopoeia



Code	Product	Use	Unit
EPB1157300	Budesonide	1-2-15	125 mg
EPB1156000	Bufexamac	1-2-10	100 mg
EPB1157400	Buflomedil hydrochloride	1-2	100 mg
EPB1157410	Buflomedil impurity B	10	20 mg
	4-(pyrrolidin-1-yl)-1-(4-hydroxy-2,6-dimethoxyphenyl)butan-1-one		
EPB1158000	Bumetanide	1-2-9	150 mg
EPB1160000	Bupivacaine hydrochloride	1-2-9	100 mg
EPY0000088	Bupivacaine impurity B	13	20 mg
	(2RS)-N-(2,6-dimethylphenyl)piperidine-2-carboxamide		
EPY0000089	Bupivacaine impurity E	13	20 mg
	6-(butylamino)-N-(2,6-dimethylphenyl)hexanamide		
EPB1160500	Buprenorphine hydrochloride Reference Spectrum		unit
EPB1160490	Buprenorphine Reference Spectrum		unit
EPB1168000	Buserelin + NMR Reference Spectrum <i>Store at -20°C Cool pack</i>	4-15	4.92 mg
EPB1168000	D-His-Buserelin <i>Store at -20°C Cool pack</i>	15	0.5mg
EPB1170000	Busulfan	1-2	50 mg
EPY0000295	butylmethacrylate-(2-dimethylaminoethyl)...copolymer Reference Spectrum		unit
EPB1217000	Butyl parahydroxybenzoate	1-2-9	50 mg
EPB1212000	Butylhydroxyanisole	2-9	100 mg
EPB1215000	Butylhydroxytoluene	1	50 mg
EPC0100000	Caffeine	1	100 mg
EPC0166001	Calcifediol Reference Spectrum		unit
*EPC0166000	Calcifediol <i>Store at -20°C Cool pack</i>	10-15	5 mg
EPC0200000	Calcitonin (salmon) <i>Store at -20°C Cool pack</i>	2-4-10-15	2 x 1 mg
EPC0200010	N-acetyl-cys1-calcitonin <i>Store at -20°C Cool pack</i>	10-15	0.1 mg
EPC0226000	Calcitriol Reference Spectrum		unit
*EPC0225000	Calcitriol <i>Store at -20°C Cool pack</i>	4-10-15	10 mg
EPC0249000	Calcium ascorbate Reference Spectrum		unit
EPC0250000	Calcium folinate	1-2-10-15	125 mg
EPC0299000	Calcium glucoheptonate	2	60 mg
EPC0300000	Calcium gluconate	2	100 mg
EPC0340000	Calcium levulinate dihydrate	1-2	250 mg
EPC0350000	Calcium oxalate monohydrate	21	500 mg
EPC0400000	Calcium pantothenate	2-9	100 mg
EPC0405000	Camphor (racemic)	1	50 mg
EPC0410000	Canrenone	10	50 mg
EPC0426000	Caprylic acid	6-13	200 mg
EPC0430000	Captopril	1-2	50 mg
EPY0000113	Carbachol	1	50 mg
EPC0450000	Carbamazepine	1	200 mg
EPY0000033	Carbamazepine impurity A	10	10 mg
	10,11-dihydro-5H-dibenz[b,f]azepine-5-carboxamide		
	(10,11-dihydrocarbamazepine)		
EPC0451000	Carbasalate Calcium Reference Spectrum		unit
EPC0455000	Carbenicillin sodium	1-2-10-15	100 mg
EPC0460000	Carbidopa	1-10	50 mg
EPC0465000	Carbimazole	1-2-10	100 mg
EPC0470000	Carbocysteine	1-2-9	50 mg
EPC0499900	Carbon dioxide Reference Spectrum		unit
EPC0550000	Carboplatin Reference Spectrum		unit
EPY0000035	Carisoprodol	1-9	50 mg
EPY0000036	Carisoprodol impurity A	9	15 mg
	(2RS)-2-hydroxymethyl-2-methylpentyl(1-methylethyl)carbamate		
EPC0580004	Carmustin Reference Spectrum		unit

Code	Product	Use	Unit
EPC0580010	Carmustine impurity A <i>Store at -20°C Cool pack</i> 1,3-bis(2-chloroethyl)urea	9	20 mg
EPY0000193	Carteolol for system suitability	1-10	30 mg
EPY0000192	Carteolol hydrochloride Reference Spectrum		unit
EPY0000075	Carvédilol Reference Spectrum		unit
EPY0000103	Carvedilol impurity C (2RS)-1-[benzyl[2-(2-methoxyphenoxy)ethyl]amino]-3-(9H-carbazol-4-yloxy)propan-2-ol	10	20 mg
*EPC0600000	Casein BRP	14	100000 mg
EPC0630000	Cefaclor <i>Store at -20°C Cool pack</i>	1-2-10-15	250 mg
EPC0640000	Delta-3-Cefaclor <i>Store at -20°C Cool pack</i>	10-15	30 mg
EPC0650000	Cefadroxil	1-2-15	250 mg
EPC0675000	Cefalexin monohydrate	1-2-15	250 mg
EPC0682000	Cefalotin sodium	1-10-15	250 mg
EPC0682300	Cefamandole nafate	1-15	125 mg
EPY0000240	Cefapirin sodium	1-15	100 mg
EPC0682410	Cefatrizine impurity A 7-amino-(6R,7R)-3-[(2H-1,2,3-triazol-4-yl)sulfanyl]-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid(7-ACA triazole)	10-15	60 mg
EPC0682400	Cefatrizine propylene glycol	1-10-15	150 mg
EPC0682800	Cefazolin	2-15	150 mg
EPC0684000	Cefixime <i>Store at -20°C Cool pack</i>	1-2-10-15	200 mg
EPC0684750	Cefoperazone dihydrate	4-10-15	100 mg
EPC0684800	Cefoperazone sodium Reference Spectrum		unit
EPC0685000	Cefotaxime sodium	1-2-10-15	250 mg
EPC0688000	Cefoxitin sodium	1-2-15	250 mg
EPC0690000	Cefradine	1-2-15	300 mg
EPC0690500	Ceftazidime	1-10-15	200 mg
EPC0690510	Ceftazidime impurity A (6R,7R)-7-[[[(Z)-2-(2-aminothiazol-4-yl)-2-[(1-carboxy-1-methylethoxy)imino]acetyl]amino]-8-oxo-3-[(1-pyridinio)methyl]-5-thia-1-azabicyclo[4.2.0]oct-3-ene-2-carboxylate (delta-2-ceftazidime)]	10-15	30 mg
EPC0692000	Ceftriaxone impurity A E-isomer	10-15	10 mg
EPC0691000	Ceftriaxone sodium	1-2-10-15	150 mg
EPC0694990	Cefuroxime axetil	1-4-10-15	60 mg
EPC0695000	Cefuroxime Sodium	1-2-10-15	150 mg
EPC0698005	Cellulose acetate butyrate Reference Spectrum		unit
EPC0698005	Cellulose acetate phthalate Reference Spectrum		unit
EPC0698000	Cellulose acetate Reference Spectrum		unit
EPC7000000	Cephaeline hydrochloride	2-9	25 mg
*EPC0950000	Certoparin sodium	7	250 mg
EPC0980650	Cetirizine dihydrochloride	1-2-10	100 mg
EPC0682410	Cetirizine impurity A (RS)-1-[(4-chlorophenyl)phenylmethyl]piperazine	10	10 mg
EPC0984100	Cetostearyl isononanoate Reference Spectrum		unit
EPC0990000	Cetyl alcohol	16	250 mg
EPY0000073	Cetyl palmitate 15	16	60 mg
EPY0000074	Cetyl palmitate 95	16	50 mg
EPC1000000	Cetylpyridinium chloride	1	50 mg
EPC1050000	Chenodeoxycholic acid	1-2-9	125 mg
EPY0000104	Chitosan hydrochloride	1	30 mg
EPC1100000	Chlorambucil	1	100 mg

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Code	Product	Use	Unit
EPC1200000	Chloramphenicol	1-2-9-10	500 mg
EPC1300000	Chloramphenicol dipalmitate	9	100 mg
EPC1350000	Chloramphenicol disodium disuccinate	10	25 mg
EPC1400000	Chloramphenicol palmitate isomer	9	100 mg
EPC1425000	Chloramphenicol sodium succinate	2	1500 mg
EPC1435000	Chlorcyclizine hydrochloride	1-2-9	100 mg
EPC1450000	Chlordiazepoxide Controlled Substance	1-2-9	50 mg
EPC1500000	Chlordiazepoxide hydrochloride Controlled Substance	1-2-9	100 mg
EPC1510000	Chlorhexidine	1	50 mg
EPC1520000	Chlorhexidine diacetate	1	50 mg
EPC1540000	Chlorhexidine dihydrochloride	1	50 mg
EPC1530000	Chlorhexidine for performance test	10	50 mg
EPC1600000	Chloromethylnitroimidazole	9	100 mg
EPC1605000	(2-Chlorophenyl)diphenylmethanol	9	20 mg
EPC2223030	1-(4-Chlorophenyl)-1-phenylethanol	10	50 mg
EPC1650000	Chloroquine sulphate	1	200 mg
EPC1700000	Chlorothiazide	1-2-10	100 mg
EPC1800000	Chlorphenamine maleate	1-2-10-13	100 mg
EPC1900000	Chlorpromazine hydrochloride	1	200 mg
EPC1905000	Chlorpropamide	1	100 mg
EPC1905020	Chlorpropamide impurity B (1,3-Dipropylurea)	9	50 mg
EPC1915000	Chlorprothixene hydrochloride	1-10	50 mg
EPC1950000	Chlortalidone	1-2	50 mg
EPC1950020	Chlortalidone impurity B 2-(4-chloro-3-sulfamoylbenzoyl)benzoic acid	9	30 mg
EPC2000000	Chlortetracycline hydrochloride	2-10-15	100 mg
*EPC2100000	Cholecalciferol <i>Store at -20°C Cool pack</i>	1-2-4-9-15	500 mg
*EPC2150000	Cholecalciferol for performance test <i>Store at -20°C Cool pack</i>	15	1 ml
*EPC2155000	Cholesterol	2-16	60 mg
EPC2158000	Cholic acid	9	60mg
*EPC2160000	Chymotrypsin BRP	20A-22	100 mg
EPY0000040	Ciclopirox	1-9	100 mg
EPC2162701	Ciclopirox impurity A (RS)-2-(3-cyclohexyl-5-methyl-4,5-dihydroisoxazol-5-yl) acetic acid	10	30 mg
EPC2162702	Ciclopirox impurity B 6-cyclohexyl-4-methyl-2H-pyran-2-one	10	30 mg
EPC2162700	Ciclopirox olamine	1-2	150 mg
EPC2163000	Ciclosporin	1-4-10-15	120 mg
EPC2170000	Cilastatin sodium	1	50 mg
EPC2174000	Cilazapril	1	50 mg
EPC2174002	Cilazapril impurity A 1,1-dimethylethyl(1S,9S)-9-[[[(S)-1-ethoxycarbonyl-3-phenylpropyl]amino]-10-oxo-octahydro-6H-pyridazino[1,2a][1,2]diazepine-1-carboxylate	9	25 mg
EPC2174005	Cilazapril impurity D (1S,9S)-[[[(R)-1-ethoxycarbonyl-3-phenylpropyl]amino]-10-oxo-octahydro-6H-pyridazino[1,2a][1,2]diazepine-1-carboxylic acid	10	25 mg
EPC2175000	Cimetidine	1-2-9	50 mg
EPC2175500	Cimetidine hydrochloride	1-2-9	100 mg
EPC2177000	Cinchocaine hydrochloride	1-9	60 mg
EPY0000176	Cineole	2	180 mg
EPC2180000	Cinnarizine	1-2-10	100 mg

Code	Product	Use	Unit
EPY0000198	Ciprofloxacin	1-10	20 mg
EPY0000199	Ciprofloxacin hydrochloride for peak identification	10	10 mg
EPC2190000	Ciprofloxacin hydrochloride	1-2-10-15	100 mg
EPC2190050	Ciprofloxacin impurity A 7-chloro-1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-quinoline-3-carboxylic acid (Fluoroquinolonic acid)	9	10 mg
EPC2192000	Ciprofloxacin impurity B 1-cyclopropyl-1,4-dihydro-4-oxo-7-(piperazin-1-yl)quinoline-3-carboxylic acid (Desfluoro compound)	10-15	5 mg
EPC2193000	Ciprofloxacin impurity C 7-[(2-aminoethyl)amino]-1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxoquinoline-3-carboxylic acid (Ethylenediamine Compound)	10-15	5 mg
EPC2193050	Ciprofloxacin impurity D 7-Chloro-1-cyclopropyl-1,4-dihydro-4-oxo-6-(piperazin-1-yl)quinoline-3-carboxylic acid (by-compound A)	10-15	5 mg
EPC2205000	Cisapride	1-10	30 mg
EPC2205100	Cisapride tartrate	1-10	100 mg
EPC2210000	Cisplatin	1-2-9-15	150 mg
EPA1202000	Citric Acid (anhydrous)	1	50 mg
EPC2219000	Citric acid monohydrate	1	50 mg
EPY0000269	Clazuril for system suitability	10	10 mg
EPY0000262	Clazuril for veterinary use Reference Spectrum		unit
EPC2221000	Clebopride malate	1-2-10	100 mg
EPC2223000	Clemastine fumarate	1-2-9	100 mg
EPC2248000	Clenbuterol hydrochloride	1-2	50 mg
EPC2248010	Clenbuterol impurity B 1-(4-amino-3,5-dichlorophenyl)-2-[(1,1-dimethylethyl)amino]ethanone (clenbuterol ketone)	10	20 mg
EPC2250000	Clindamycin hydrochloride	1-2-12-15-16	200 mg
EPC2269000	Clindamycin phosphate	1-2-10-15	250 mg
EPY0000205	Clobazam Reference Spectrum		unit
EPY0000241	Clobazam impurity A 7-chloro-5-phenyl-1,5-dihydro-1,5-dihydro-3H-1,5-benzodiazepine-2,4-dione	10	10 mg
EPC2285000	Clobetasone butyrate	1-2-10	50 mg
EPC2300000	Clofibrate	1	0.5 ml
EPC2332000	Clomifen citrate for performance test	10	50 mg
EPC2320000	Clomifene citrate	1-2-10	50 mg
EPC2360000	Clomipramine hydrochloride	1-2-10	50 mg
EPY0000132	Clomipramine impurity C 3-(3-chloro-5H-dibenzo[b,f]azepin-5-yl)-N,N-dimethylpropan-1-amine	10	10 mg
EPY0000133	Clomipramine impurity D 3-(3,7-dichloro-10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)-N,N-dimethylpropan-1-amine	10	10 mg
EPY0000134	Clomipramine impurity F 3-chloro-10,11-dihydro-5H-dibenzo[b,f]azepine	10	10 mg
EPC2385000	Clonazepam Controlled Substance	1-2	50 mg
EPC2385010	Clonazepam impurity A (2-Amino-2'-chloro-5-nitrobenzophenone)	9	25 mg
EPC2385015	Clonazepam impurity B (3-Amino-4-(2-chlorophenyl)-6-nitro-1H-quinolin-2-one)	9	50 mg
EPY0000286	Clonazepam Reference Spectrum		unit
EPC2400000	Clonidine hydrochloride	1-2-9	100 mg
*EPC2424400	Clostridia (multi-component) rabbit antiserum BRP <i>Store at -20°C Cool pack</i>	19	1 mg

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Code	Product	Use	Unit
*EPC2424550	Clostridium tetani guinea pig antiserum (for vaccines-human use) BRP <i>Store at -20°C Cool pack</i>	19	3 x 1 ml
*EPC2424500	Clostridium tetani guinea pig antiserum for vaccines for vet.use BRP <i>Store at -20°C Cool pack</i>	19	1 mg
*EPC2425600	Clostridium tetani rabbit antiserum BRP <i>Store at -20°C Cool pack</i>	19	1 mg
EPC2430000	Clotrimazole	1-2-9	100 mg
EPC2450000	Cloxacillin sodium	1-2-10-15	125 mg
EPC2460000	Clozapine	1-9	60 mg
EPY0000162	Cocaine hydrochloride Reference Spectrum		unit
EPC2480000	Cocoyl caprylocaprate	1	40 mg
EPC2500100	Codeine hydrochloride dihydrate Reference Spectrum		unit
EPC2500000	Codeine Reference Spectrum		unit
EPC2510000	Codergocrine mesilate	10	60 mg
EPC2580000	Colchicine	1	50 mg
EPY0000209	Colchicine for system suitability	10	50 mg
EPC2600000	Colistimethate sodium	17	100 mg
EPC2700000	Colistin sulphate	17	25 mg
EPY0000277	Colistin sulphate (for LC assay)	10-15	25 mg
EPC2725000	Copovidone Reference Spectrum		unit
*EPC2750000	Corticotropin	4-12	2 mg
EPC2800000	Cortisone acetate	1-2-10	250 mg
EPC2900000	Cotton wool.standard for neps	22	unit
EPC2950000	Crospovidone Reference Spectrum		unit
EPC2970000	Crotamiton	1-2-10-15	100 mg
EPC2970005	Crotamiton impurity A N-ethyl-N-(2-methylphenyl)but-3-enamide <i>Store at -20°C Cool pack</i>	10-15	30 mg
EPC3000000	Cyanocobalamin	2-4-10	20 mg
EPC3090000	Cyclizine hydrochloride	1-2-9	50 mg
EPC3200000	Cyclobenzaprine hydrochloride	9	100 mg
EPC3230000	Cyclohexa-1,4-dienylglycine	9	80 mg
EPC3245000	Cyclopentolate hydrochloride	1-2-9	60 mg
EPC3250000	Cyclophosphamide	1-2-3-9	50 mg
EPC3260000	Cyclosporin U	10-15	10 mg
EPC3280000	Cyproheptadine hydrochloride	1-2	30 mg
EPC3283000	Cyproterone acetate	1-2	60 mg
EPC3290000	Cysteine hydrochloride monohydrate	1-2-9	50 mg
EPC3300000	Cystine	1-2-9	100 mg
EPC3350000	Cytarabine	1-2-9	150 mg
*EPD0070000	Dalteparin sodium	7	250 mg
EPD0100000	Dapsone	2-9	100 mg
EPD0125000	Daunorubicin hydrochloride	1-2-9-10-15	100 mg
EPD0120000	Daunorubicinone	10	10 mg
EPD0160000	Deferoxamine mesilate	1-10	30 mg
EPD0200000	7-Dehydrocholesterol	9	100 mg
EPD0201000	Dehydrohexetidine	9	50 mg
EPD0300000	Demeclocycline hydrochloride	2-10-15	100 mg
EPD0350000	N-Demethylerthromycin A	15	20 mg
EPD0370000	N-Demethylroxithromycin	10-15	10 mg
EPD0406000	Deoxyminoxidil	10	10 mg
EPD0406200	Deptropine citrate	1-2-9	60 mg
EPD0430000	Dequalinium chloride	1-10	50 mg
EPD0431000	Dequalinium chloride for performance test	10	50 mg
EPD0480000	Desacetylvinblastine	10-15	2 x 1 mg
EPD0500000	Desipramine hydrochloride	1-2-9	100 mg

Code	Product	Use	Unit
EPD0600000	Deslanoside	1-2-9-14	150 mg
EPY0000228	Desmethyflumazenil Reference Spectrum		unit
EPD0630000	Desmethylnitrofurantoin	10	30 mg
EPD0650000	Desmopressin <i>Store at -20°C Cool pack</i>	4-10-15	1 mg
EPD0400000	Desoxycortone acetate	1-2-10	250 mg
EPY0000001	Detomidine hydrochloride	1	100 mg
EPD0660020	Detomidine impurity B	10	20 mg
	(RS)-(1-benzyl-1H-imidazol-5-yl)(2,3-dimethylphenyl)methanol		
EPD0700000	Dexamethasone	1-2-10	60 mg
EPD0710000	Dexamethasone acetate	1-2-10	100 mg
EPD0718000	Dexamethasone pivalate	1-2	50 mg
EPD0720000	Dexamethasone sodium phosphate	1-2-10	50 mg
EPD0720800	Dexchlorpheniramine maleate	1-10	60 mg
EPD0730000	Dexpanthenol	1-2-9	5 mg
EPD0731000	Dextran	1	25 mg
EPD0731005	Dextran 1	1-11	50 mg
EPD0734000	Dextran 10 for calibration	21	50 mg
EPD0737000	Dextran 250 for calibration	21	50 mg
EPD0733000	Dextran 4 for calibration	21	50 mg
EPD0735000	Dextran 40 for calibration	21	50 mg
EPD0738000	Dextran 40 for performance test	21	50 mg
EPD0739000	Dextran 60/70 for performance test	21	50 mg
EPD0736000	Dextran 70 for calibration	21	50 mg
EPD0732000	Dextran Vo	21	10 mg
EPD0740000	Dextromethorphan hydrobromide	1-2-9-10	150 mg
EPY0000261	Dextromethorphan impurity A	10	5 mg
	(S,13S,14S)-3-methoxymorphinan		
EPD0750000	Dextropropoxyphene hydrochloride Reference Spectrum		unit
EPD0940000	Diazepam Controlled Substance	2	30 mg
EPD0950000	Diazoxide	1-2-9	50 mg
EPD0970000	Dibenzocycloheptene	9	30 mg
EPD1000000	Dibenzosuberone	9	100 mg
EPD1010000	Dibutyl phthalate	1-2	1 ml
EPY0000275	Dichlorodiaminocyclohexaneplatinum	10	10 mg
EPY0000259	Diclazuril for system suitability	10	20 mg
EPY0000264	Diclazuril for veterinary use Reference Spectrum		unit
EPD1040000	Diclofenac impurity A	10	5 mg
	1-(2,6-dichlorophenyl)-indolin-2-one		
EPD1039990	Diclofenac potassium	1-2	100 mg
EPD1050000	Dicloxacillin sodium	1-2-15	250 mg
EPD1060000	Dicycloverine hydrochloride	1-2-9	100 mg
EPD1200000	Dienestrol	1-2-9-14	150 mg
EPD1250000	Diethanolamine fusidate	2	50 mg
EPD1410000	Diethyl phthalate	1-2	1 ml
EPD1300000	Diethylcarbamazine citrate	1-2-9	250 mg
EPY0000217	Diethylene glycol (monoethyl ether) Reference Spectrum		unit
EPD1500000	Diethylstilbestrol	1-2-9-14	100 mg
EPD1600000	Diethylstilbestrol dimethyl ether	9	10 mg
EPD1700000	Diethylstilbestrol monomethyl ether	9	10 mg
EPD1750000	Diflunisal	1-2	30 mg
EPD1800000	Digitoxin	1-2-9-14	250 mg
EPD1900000	Digoxin	1-2-9-14	100 mg
EPD1940005	Dihydralazine impurity A	10	10 mg
	4-hydrazinophthalazin-1-amine		

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Code	Product	Use	Unit
EPY0000232	Dihydralazine sulphate for system suitability	10	10 mg
EPD1940001	Dihydralazine sulphate (hydrated) Reference Spectrum		unit
EPD1940005	Dihydralazine impurity A	10	10 mg
	4-hydrazinophthalzin-1-amine		
EPY0000216	Dihydrocodeine hydrogen tetratate Reference Spectrum		unit
EPY0000053	17 alpha-dihydroequilin	6-13-16	10 mg
EPD1945000	Dihydroergocristine mesilate	1-2	250 mg
EPD1950000	Dihydroergotamine mesilate	1-2-9-14	100 mg
EPD1952000	Dihydroergotamine tartrate	1-2-9-14	150 mg
EPD1954000	Dihydrostreptomycin sulphate <i>Store at -20°C Cool pack</i>	2-17	200 mg
EPD1980000	Diltiazem hydrochloride	1-2-10	200 mg
EPD1982000	Diltiazem impurity A	10	10 mg
	(2R,3S)-3-acetyloxy-5-[-2-(dimethylamino)ethyl]-2-(4-methoxyphenyl)-2,3-dihydro-1,5-benzothiazepin-4(5H)-one		
EPD2000000	Dimenhydrinate	1	100 mg
EPD2046000	(2,6-Dimethylphenoxy)acetone	10	50 mg
EPD2050000	Dimethyl sulfoxide	1	1 ml
EPD2200000	Dimeticone	1-22	200 mg
EPD2205000	Dimetindene maleate	1	50 mg
EPD2255000	Dinoprost trometamol	1-15	60 mg
EPD2250000	Dinoprostone	1-10-15	100 mg
*EPD2250015	Dinoprostone impurity C	10-15	10 mg
	(E)-7-[(1S,2R,3R)-3-hydroxy-2-[(E)-(3S)-3-hydroxyoct-1-enyl]-5-oxocyclopentyl]-hept-5-enoic acid (5-trans-PGE ₂ ;(5E)-PGE ₂)		
EPY0000094	Diosmin	1-15	50 mg
EPY0000095	Diosmin for system suitability	10	50 mg
EPD2600000	Diphenhydramine hydrochloride	1-9	100 mg
EPY0000135	Diphenhydramine impurity A	10	15 mg
	2-(diphenylmethoxy)-N-methylethanamine		
EPD2630000	Diphenoxylate hydrochloride Reference Spectrum		unit
EPY0000258	Diphtheria toxin BRP	18	1 ml
*EPD2700000	Diphtheria vaccine (absorbed) BRP <i>Store at -20°C Cool pack</i>	18	32 mg
EPD2750000	Dipotassium clorazepate Controlled Substance	1	50 mg
EPD2750100	Dipotassium clorazepate Reference Spectrum		unit
EPD2800000	Diprophylline	1	100 mg
EPD2850000	Dipyridamole	1	50 mg
EPD2880000	Dirithromycin	1-4-10-15	100 mg
EPD2900000	Disodium edetate	1	100 mg
EPD2920000	Disopyramide	1-2-9	100 mg
EPD2922000	Disopyramide phosphate	1-2-9	100 mg
EPD2950000	Disulfiram	1-2-9	100 mg
EPD2953000	Dithranol	1-2-10	125 mg
EPD2953025	Dithranol impurity C	10	20 mg
	Dithranol-dimer		
EPD2953050	Dithranol impurity D	10	25 mg
	1-hydroxy-9-anthrone		
EPD2954000	Dobutamine hydrochloride	1-2	100 mg
EPD2954600	Docosahexaenoic acid ethyl ester	16	150 mg
EPD2954500	Docusate sodium Reference Spectrum		unit
EPD2955000	Domperidone	1-2-10	150 mg
EPD2957000	Domperidone maleate	1-2-10	150 mg
EPD2960000	Dopamine hydrochloride	1	100 mg
EPD2962000	Dosulepin hydrochloride	1-10	100 mg

Code	Product	Use	Unit
EPD2962005	Dosulepin impurity A (E)-3-(6,11-dihydrodibenzo[b,e]thiepin-11-ylidene)-N,N'-dimethylpropan-1-amine S-oxide	10	50 mg
EPD2963000	Doxapram hydrochloride	1-2	50 mg
EPY0000208	Doxapram impurity B (4RS)-1-ethyl-4-[2-[(2-hydroxyethyl)amino]ethyl]-3,3-diphenylpyrrolidin-2-one	10	10 mg
EPD2964500	Doxepin hydrochloride Reference Spectrum		unit
EPD2964510	Doxepin impurity A dibenzo[b,e]oxepin-11(6H)-one	9	25 mg
EPD2964520	Doxepin impurity B (11RS)-11-[3-(dimethylamino)propyl]-6,11-dihydrodibenzo[b,e]oxepin-11-ol	9	25 mg
EPD2965000	Doxorubicin	9	10 mg
EPD2975000	Doxorubicin hydrochloride	1-2-9-15	200 mg
EPD3000000	Doxycycline hyclate	2-10-15	100 mg
EPY0000163	Doxylamine hydrogen succinate Reference Spectrum		unit
EPY0000160	Doxylamine impurity A N,N-dimethyl-2-[1(1RS)-1-phenyl-1-(pyridin-4-yl)ethoxy]ethanamine	10	50 mg
EPD3100000	Droperidol	1-2-10	150 mg
EPY0000249	Ebastine Reference Spectrum		unit
EPY0000247	Ebastine impurity C 4-(diphenylmethoxy)piperidine	10	10 mg
EPY0000248	Ebastine impurity D 1-[4-(1,1-dimethylethyl)phenyl]-4-(4-hydroxypiperidin-1-yl)butan-1-one	10	10 mg
EPY0000270	Econazole Reference Spectrum		unit
EPE0050000	Econazole nitrate	2-10	100 mg
EPY0000296	Econazole nitrate Reference Spectrum		unit
EPY0000254	Econazole for system suitability	10	20 mg
EPE0085000	Eicosapentaenoic acid ethyl ester	16	150 mg
EPE0100000	Emetine hydrochloride	1-2-9	100 mg
EPE0110000	Enalapril for system suitability	10	20 mg
EPE0109000	Enalapril maleate	1	50 mg
EPE0150000	Endotoxin standard BRP	21	5 mg
EPY0000136	Eniconazole	1-10	60 mg
EPY0000137	Eniconazole impurity E (1RS)-1-(2,4-dichlorophenyl)-2-(-1H-imidazol-1-yl)ethanol	10	20 mg
*EPE0180000	Enoxaparin sodium	7	250 mg
EPE0180500	Enoxolone	1-2	100 mg
*EPE0200000	Enterokinase BRP	14	500 mg
EPE0305000	Ephedrine hydrochloride (racemic) Controlled Substance	1-2-9	50 mg
EPE0300000	Ephedrine hydrochloride Controlled Substance	1-2-9-10	150 mg
EPE0550000	Epirubicin hydrochloride <i>Store at -20°C Cool pack</i>	1-10-15	100 mg
EPE0400000	4-Epi-anhydrotetracycline hydrochlorine	10-15	10 mg
EPE0430000	4-Epi-chlortetracycline hydrochlorine	10-15	20 mg
EPE0440000	4-Epi-demeclocycline hydrochlorine	10-15	20 mg
EPE0500000	6-Epi-doxycycline hydrochlorine	10-15	50 mg
EPE0530000	4-Epi-oxytetracycline	10-15	20 mg
EPE0600000	4-Epi-tetracycline hydrochlorine	10-15	20 mg
EPE0700000	Epoxidised linseed oil Plastic additive 05	1	500 mg
EPE0800000	Epoxidised soya oil Plastic additive 04	1	500 mg
EPY0000052	Equilin	6-13-16	15 mg
*EPE0850010	Equine influenza subtype 1 horse antiserum Ph.Eur. BRP <i>Store at -20°C Cool pack</i>	19	3 x 1 ml

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Code	Product	Use	Unit
*EPE0850021	Equine influenza subtype 2 <i>Store at -20°C Cool pack</i> American-like horse antiserum Ph.Eur.BRP	19	3 x 1 ml
*EPE0850022	Equine influenza subtype 2 <i>Store at -20°C Cool pack</i> European-like horse antiserum Ph. Eur.BRP	19	3 x 1 ml
EPE0900000	Ergocalciferol <i>Store at -20°C Cool pack</i>	1-2-9-15	500 mg
EPE1000000	Ergometrine maleate Controlled Substance	1-2-9	50 mg
EPE1100000	Ergosterol	9	100 mg
EPE1200000	Ergotamine tartrate Controlled Substance	1-2-9	100 mg
EPE1260000	Erucamide R	21	100 mg
EPY0000051	Erysipelas ELISA coating antigen BRP <i>Store at -20°C Cool pack</i>	19	n/a
EPY0000177	Erythritol	1-10-15	1000 mg
EPE1300000	Erythromycin <i>Store at -20°C Cool pack</i>	2-9-17	250 mg
EPE1305000	Erythromycin A <i>Store at -20°C Cool pack</i> 96.7% C ₃₇ H ₆₇ NO ₁₃	2-10-15	250 mg
EPE1310000	Erythromycin B <i>Store at -20°C Cool pack</i> 99.0% Erythromycin B	10-15	50 mg
EPE1320000	Erythromycin C <i>Store at -20°C Cool pack</i> 97.3% C ₃₆ H ₆₅ NO ₁₃	10-15	50 mg
EPE1400000	Erythromycin estolate	1-2-9	100 mg
EPE1500000	Erythromycin ethylsuccinate	1	100 mg
EPE1500800	Erythromycin stearate	1	50 mg
*EPE1515000	Erythropoietin BRP <i>Store at -20°C Cool pack</i>	4A-5-18	2 x 0.25 mg
EPE1600000	Estradiol benzoate	1-2-9	250 mg
EPY0000201	Estradiol benzoate impurity E estra-1,3,5(10)-triene-3,17alpha-diol 3-benzoate	10	10 mg
EPY0000045	Estradiol butyrate	10	10 mg
EPE1620000	Estradiol hemihydrate	1-2-10	100 mg
EPY0000046	Estradiol valerate	1-10	50 mg
EPE1680000	Estriol	1-2-10	50 mg
EPE1680005	Estriol impurity A 9,11-didehydroestriol	10	20 mg
EPE1700000	Estrone	4-16	15 mg
EPE1800000	Etacrynic acid	1	100 mg
EPE1830000	Etamsylate	1	30 mg
EPE1840000	Ethacridine lactate monohydrate	1	50 mg
EPE1850000	Ethambutol hydrochloride	1-2-9-22	250 mg
EPA1202800	Ethanol (anhydrous) Reference Spectrum		unit
EPE1860100	Ethanol 96% Reference Spectrum		unit
EPE1900000	Ethinylestradiol	1-2-9	100 mg
EPE2000000	Ethionamide	1	100 mg
EPE2100000	Ethisterone	1-2-9	150 mg
EPE2150000	Ethosuximide	1	30 mg
EPE2250000	Ethosuximide impurity A 2-Ethyl-2-methylsuccinic acid	13	50 mg
EPE2195000	Ethyl acetate Reference Spectrum		unit
EPE2195900	Ethylcellulose Reference Spectrum		unit
EPE2202000	1-N-Ethylgaramin sulphate	10	125 mg
EPE2205500	1,1'-Ethylidenebis (tryptophan)	10	5 mg
EPE2300000	Ethylmorphine hydrochloride Reference Spectrum		unit
EPE2400000	Ethylnicotinamide	9	150 mg
EPE2425000	Ethyl parahydroxybenzoate	1-2-9	50 mg
EPE2450000	Etifenin	4	25 mg
EPE2451000	Etilefrine hydrochloride	1-2	75 mg
EPE2451010	Etilefrine impurity A 2-ethylamino-1-(3-hydroxyphenyl) ethanone (etilefrone)	10	20 mg

Code	Product	Use	Unit
EPE2470000	Etodolac	1-2-10	60 mg
EPE2470050	Etodolac impurity H 2-(7-ethylindol-3-yl)ethanol	10	10 mg
EPE2499900	Etofenamate	1	40 mg
EPE2499901	Etofenamate for system suitability	10	15 mg
EPE2499914	Etofenamate impurity G 2-hydroxyethyl 2-[[3-(trifluoromethyl)phenyl]amino]-benzoate	10	20 mg
EPE2500000	Etofylline	1	100 mg
EPE2503000	Etomidate	1-10	100 mg
EPE2503004	Etomidate impurity B methyl-1-[(1RS)-1-phenylethyl]-1H-imidazole-5-carboxylate	10	25 mg
EPE2600000	Etoposide	1-2-10-15	150 mg
EPE5000000	Eugenol	1-2	500 µl
EPF0005000	Famotidine	1-2-9	100 mg
EPF0006000	Famotidine impurity A 3-[[[2-[(diaminomethylene)amino]thiazol-4-yl]methyl]-thio]propanamide	9	10 mg
EPF0007000	Famotidine impurity B 3,5-bis[2-[[[2-[(diaminomethylene)amino]thiazol-4-yl]methyl]thio]-ethyl]-4H-1,2,4,6-thiatriazine 1,1-dioxide	9	10 mg
EPF0030000	Felodipine	1-2-10	120 mg
EPF0040000	Fenbendazole	1-9-10	150 mg
EPF0040010	Fenbendazole impurity A methyl(1H-benzimidazol-2-yl)carbamate	10	20 mg
EPF0040020	Fenbendazole impurity B methyl[5(6)-chlorobenzimidazol-2-yl]carbamate	10	20 mg
EPF0041000	Fenbufen	1-2-10	100 mg
EPF0048000	Fenofibrate	1-10-15	100 mg
EPF0048005	Fenofibrate impurity A (4-Chlorophenyl)(4-hydroxyphenyl) methanone	10-15	25 mg
EPF0048010	Fenofibrate impurity B 2[4-(4-chlorobenzoyl)phenoxy]-2-methylpropanoic acid (fenofibric acid)	10-15	25 mg
EPF0048035	Fenofibrate impurity G 1-methylethyl 2-[[2-[4-(4-chlorobenzoyl)phenoxy]-2-methylpropanoyl]oxy]-2-methylpropanoate	10-15	50 mg
EPF0050000	Fenoterol hydrobromide	1-2-10	100 mg
EPF0051000	Fenoterol hydrobromide Reference Spectrum		unit
EPF0055000	Fentanyl citrate Reference Spectrum		unit
EPF0054990	Fentanyl Reference Spectrum		unit
EPF0060040	Fenticonazole impurity D (RS)-1-[2-(2,4-dichlorophenyl)-2-hydroxyethyl]-3-[4-(phenylsophanyl)benzyl]imidazolium nitrate	10	20 mg
EPF0060000	Fenticonazole nitrate	1	50 mg
EPF0100000	Ferrous gluconate	2	1000 mg
EPY0000090	Finasteride	1-15	50 mg
EPY0000091	Finasteride for system suitability	10	100 mg
EPF0120000	Flecainide acetate	1-9-10	100 mg
EPF0120005	Flecainide impurity A 3-[2,5-bis(2,2,2-trifluoroethoxy)phenyl]-1,5,6,7,8,8a-hexahydroimidazo[1,5-a]pyridine	10	50 mg
EPF0120010	Flecainide impurity B (piperidin-2-yl)methanamine	9	25 mg
EPY0000138	Flubendazole	1	25 mg
EPY0000139	Flubendazole for system suitability	10	20 mg

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Code	Product	Use	Unit
EPF0150000	Flucloxacillin sodium	1-2-10-15	250 mg
EPF0175000	Flucytosine	1-2-9	100 mg
EPF0180000	Fludrocortisone acetate	1-2-10	100 mg
EPF0188000	Flumazenil Reference Spectrum		unit
EPF0189000	Flumequine	1-2-10	60 mg
EPF0189020	Flumequine impurity B ethyl(RS)-9-fluoro-5-methyl-1-oxo-6,7-dihydro-1H,5H- benzo[i,j]quinolizine-2-carboxylate (flumequine ethyl ester)	10	20 mg
EPF0188500	Flumetasone pivalate	1-2	100 mg
EPF0189900	Flunarizine hydrochloride	2-10	100 mg
EPY0000169	Flunitrazepam Reference Spectrum		unit
EPF0190000	Flunitrazepam Controlled Substance	1-2-9	100 mg
EPF0200000	Fluocinolone acetonide	1-2-14	100 mg
EPF0230000	Fluocortolone pivalate	1-2-10	100 mg
EPY0000265	Flunarizine dihydrochloride Reference Spectrum		unit
EPY0000266	Flunarizine dihydrochloride for system suitability	10	20 mg
EPF0245000	Fluoresceine sodium Reference Spectrum		unit
EPF0250000	Fluorouracil	1-2-9	50 mg
EPF0253000	Fluoxetine hydrochloride	1-10-15	250 mg
EPF0253020	Fluoxetine impurity B methyl (3-phenylpropyl)amine	10	5 mg
EPF0253030	Fluoxetine impurity C (RS)-methyl-[3-phenyl-3-(3-trifluoromethylphenoxy)-propyl]amine	10	5 mg
EPY0000064	Flupentixol dihydrochloride	1-2-10	120 mg
EPY0000067	Flupentixol impurity D 2-[2-[4-[3-[(EZ)-2-(trifluoromethyl)-9H-thioxanthen-9-ylidene]propyl]piperazin-1-yl]ethoxy]ethanol	10	15 mg
EPY0000078	Flupentixol impurity F 2-[4-[(EZ)-3-[(9RS)-2-(trifluoromethyl)-9H-thioxanthen-9-yl]prop-2-enyl]piperazin-1-yl]ethanol	10	25 mg
EPF0260000	Fluphenazine decanoate	1-2	60 mg
EPF0280000	Fluphenazine dihydrochloride	1-2	50 mg
EPY0000009	Fluphenazine enantate	1-2-9	100 mg
EPY0000298	Fluphenazine octanoate	10	10 mg
EPY0000299	Fluphenazine sulphoxide	10	10 mg
EPY0000211	Flurazepam monohydrochloride Reference Spectrum		unit
EPF0285200	Flurbiprofen	1	50 mg
EPF0285202	Flurbiprofen impurity A (2RS)-2(biphenyl-4-yl)propanoic acid	10	20 mg
EPY0000236	Fluspirilene	1	20 mg
EPF0285600	Flutamide	1-10	50 mg
EPF0285603	Flutamide impurity C N-[4-nitro-3-(trifluoromethyl)phenyl]propanamide	10	20 mg
EPY0000284	Fluticasone propionate	1-10-15	100 mg
EPY0000221	Fluticasone impurity D S-methyl 6a,9a-difluoro-11b-hydroxy-16a-methyl-3-oxo-17a-propionyloxy-androsta-1,4-diene-17β-carbothioate (S-methyl derivative)	10-15	10 mg
EPF0290000	Flutrimazole	1-2	100 mg
EPF0290010	Flutrimazole impurity B (RS)-(2-Fluorophenyl)(4-fluorophenyl)phenylmethanol	10	60 mg
EPF0300000	Folic acid	4-10-15	250 mg
EPF0372000	Formoterol fumarate dihydrate	10	20 mg
EPF0380000	Formylfolic acid	10-15	30 mg

Code	Product	Use	Unit
EPF0389004	Foscarnet impurity B disodium (ethoxyoxydophosphanyl)formate	10	10 mg
EPF0389000	Foscarnet sodium hexahydrate	1	50 mg
EPF0399900	Fosfomycin calcium Reference Spectrum		unit
EPF0399950	Fosfomycin sodium Reference Spectrum		unit
EPF0400000	Fosfomycin trometamol	1-2-10-15	1500 mg
EPF0400010	Fosfomycin trometamol impurity A 1,3-dihydroxy-2-(hydroxymethyl)propan-2-aminium(1,2-dihydroxypropyl) phosphonate	10	50 mg
EPF0450000	Framycetin sulphate <i>Store at -20°C Cool pack</i>	4-10-17	2 x 25 mg
EPF5500000	Fructose	2	100 mg
EPF0600000	Fumaric acid	2-9	100 mg
EPF0700000	Furosemide	1	100 mg
EPF0702000	Furosemide impurity A 2-chloro-4-(furfurylamino)-5-sulphamoylbenzoic acid	10	60 mg
EPF1000000	Fusidic acid Reference Spectrum		unit
EPG0049000	Galactitol	13	50 mg
EPG0050000	Galactose	1-2	60 mg
EPG0100000	Gallamine triethiodide	1	100 mg
EPG0150000	Gammacyclodextrin	4-10-15	50 mg
EPG0200000	Gentamicin sulphate	2-4-10-17	25 mg
EPG0300000	Gitoxin	9	50 mg
EPG0325000	Glibenclamide	1-2-9	100 mg
EPG0325010	Glibenclamide impurity A 4-[2-(5-Chloro-2-methoxybenzamido)ethyl]benzenesulphonamide	9	100 mg
EPY0000242	Glibenclamide impurity B methyl [[4-[2-[(5-chloro-2-methoxybenzoyl)amino]ethyl]phenyl]sulphonyl]carbamate	10	10 mg
EPG0326000	Gliclazide	1	50 mg
EPG0326004	Gliclazide impurity B 2-nitroso-octahydrocyclopenta[c]pyrrole	10	25 mg
EPG0326012	Gliclazide impurity F 1-(hexahydrocyclopenta[c]pyrrol-2-(1H)-yl)-3-[(2-methylphenyl)sulphonyl]urea	10	25 mg
EPG0340000	Glipizide	1-2-9	50 mg
EPG0342000	Glipizide impurity A 4-[2-(5-methylpyrazine-2-carboxamido)ethyl]benzenesulphonamide	9	10 mg
*EPG0350000	Glucagon <i>Store at -20°C Cool pack</i>	5-12	10 mg
EPY0000191	Human glucagon <i>Store at -20°C Cool pack</i>	15-4A	0.952 mg
EPG0350500	Glucose	2	100 mg
EPG0355000	Glutamic acid	1-2-9	50 mg
EPG0360000	Glutethimide Controlled Substance	1-2	50 mg
EPG0400000	Glycerol (85 per cent) Reference Spectrum		unit
EPG0400002	Glycerol dibehenate	2	2000 mg
EPG0400004	Glycerol distearate	2	2000 mg
EPG0400006	Glycerol monolinoleate	2	2000 mg
EPG0400007	Glycerol mono-oleate	2	2000 mg
EPG0400008	Glycerol monostearate 40-55	2	2000 mg
EPG0400010	Glycerol triacetate Reference Spectrum		unit
EPG0400101	Glyceryl trinitrate Reference Spectrum		unit
EPG0400100	Glyceryl trinitrate solution	2-10-15	0.5 ml
EPG0450000	Glycine	1-2-9	50 mg

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Code	Product	Use	Unit
EPG0460000	Glycyrrhizate (monoammonium)	15	300 mg
EPG0525000	Gonadorelin <i>Store at -20°C Cool pack</i>	2-4-10-15	5 mg
EPY0000125	Goserelin <i>Store at -20°C Cool pack</i>	4-15	4.93 mg
EPY0000194	Goserelin validation mixture <i>Store at -20°C Cool pack</i>	10	1 mg
EPY0000126	Gosereline Reference Spectrum		unit
EPY0000019	4-D-Ser-goserelin	10	0.1 mg
EPG0550000	Gramicidin	2-17-22	250 mg
EPG0600000	Griseofulvin	1-13	100 mg
EPG0700000	Guaifenesin	1-2-9	100 mg
EPY0000117	Halofantrine hydrochloride	1-2-9	125 mg
EPY0000118	Halofantrine impurity C [1,3-dichloro-6-(trifluoromethyl)phenantren-9-yl]methanol	9-15	10 mg
EPH0100000	Haloperidol	1-2-10	50 mg
EPH0100100	Haloperidol decanoate	1-10	60 mg
EPH0150000	Halothane Reference Spectrum		unit
*EPH0185000	Heparin Low-Molecular-Mass for assay BRP	19A	5 x 1 ml
*EPH0190000	Heparin Low-Molecular-Mass for calibration	5A	25 mg
*EPH0200000	Heparin sodium BRP	5-21-22	2 ml
*EPH0205005	Hepatitis A vaccine (inactivated, adsorbed) Type A BRP <i>Store at -20°C Cool -Pack</i>	19	3 x 1ml
*EPH0205010	Hepatitis A vaccine (inactivated, adsorbed) type B BRP <i>Store at -20°C Cool pack</i>	19	3 x 0.5 ml
*EPH0205015	Hepatitis A vaccine (inactivated, adsorbed) Type C BRP <i>Store at -20°C Cool pack</i>	19	3 x 1.2 ml
*EPH0210000	Hepatitis B vaccine (rDNA) BRP method A <i>Store at -20°C Cool pack</i>	18	5 x 1300 mg
*EPH0210010	Hepatitis B vaccine (rDNA) BRP method B	18	5 x 1300 mg
*EPH0215000	Hepatitis C Virus <i>Store at -20°C (Dry Ice + Dangerous goods)</i>	22	5 x 40 mg
EPH0220000	Heptadecanol	16	600 mg
EPY0000063	Heptaminol hydrochloride	1-2	150 mg
EPY0000057	Heptaminol impurity A (2RS)-6-methylhept-5-en-2-amine	2	0.03 mg
EPH0250000	alpha-Hexachlorocyclohexane	9	10 mg
EPH0330000	Hexamidine diisetonate	1	50 mg
EPH0325000	Hexetidine	1-2-9	100 mg
EPH0400000	Hexobarbital	1-2-3	500 mg
EPH0420000	Hexylresorcinol	1-2	100 mg
EPH0500000	Hide Powder	14	500 mg
EPH0600000	Histamine dihydrochloride	1-2-9	250 mg
EPH0700000	Histamine phosphate	1-2-9	250 mg
EPH0750000	Histidine	1-2-9	100 mg
EPH0755000	Histidine hydrochloride monohydrate	1-2-9	100 mg
EPH0800000	Homatropine hydrobromide	1	100 mg
EPH0830000	Homatropine methylbromide	1	25 mg
EPH0837000	L-Homocysteine thiolactone hydrochloride Reference Spectrum		unit
EPH0850000	Human albumin for Aluminium validation BRP	22	425 mg
EPH0900000	Human albumin for electrophoresis	12	1000 mg
EPY0000219	Human anti-D immunoglobulin BRP <i>Store at -20°C Cool pack</i>	18-21	unit
*EPH0920500	Human coagulation factor IX concentrate BRP <i>Store at -20°C Cool pack</i>	18	5 x 30 mg
*EPH0920000	Human coagulation factor VIII concentrate BRP <i>Store at -20°C Cool pack</i>	18	5 x 34 mg
*EPH0950000	Human hepatitis A immunoglobulin <i>Store at -20°C Cool pack</i>	19	3 x 10 mg
*EPH0990000	Human immunoglobulin BRP	22	1320 mg

Code	Product	Use	Unit
*EPH1000000	Human immunoglobulin for electrophoresis	12	96 mg
*EPH1005000	Human Plasma Pools for NAT validation <i>Store at -20°C Cool pack</i>	22	3502 mg
*EPH1100000	Human rabies immunoglobulin BRP <i>Store at -20°C Cool pack</i>	19	1 mg
*EPH1110000	Human tetanus immunoglobulin BRP <i>Store at -20°C Cool pack</i>	19	87 mg
*EPH1115000	Hyaluronidase BRP	20A	50 mg
EPH1120000	Hydralazine hydrochloride	1	20 mg
EPH1200000	Hydrochlorothiazide	1-2-10	150 mg
EPH1300000	Hydrocortisone	1-2-10	100 mg
EPH1400000	Hydrocortisone acetate	1-2-10	125 mg
EPH1425000	Hydrocortisone hydrogen succinate	1-2-10	50 mg
EPH1426000	Hydrogenated wool fat	6-13	250 mg
EPH1428000	Hydroxocobalamin	2	10 mg
EPY0000119	Hydroxycarbamide	1-2-15	175 mg
EPH1429400	Hydroxyethyl salicylate	1-2-9	125 mg
EPH1429700	4-Hydroxyphenoxymethylpenicillin	10-15	50 mg
EPH1430000	D-alpha-(4-Hydroxy-phenyl)glycine	9	50 mg
EPH1435000	Hydroxyzine hydrochloride	1-2-9-10	600 mg
EPY0000011	Hymecromone	1-10	100 mg
EPY0000012	Hymecromone impurity A resorcinol	10	25 mg
EPY0000013	Hymecromone impurity B 7-hydroxy-2-methyl-4H-1-benzopyran-4-one	10	25 mg
EPH1450000	Hyoscine butylbromide	1	25 mg
EPH1500000	Hyoscine hydrobromide	1-10	50 mg
EPH1600000	Hyoscyamine sulphate	1	100 mg
EPH5000000	Hypromellose phthalate Reference Spectrum		unit
EPI0020000	Ibuprofen	1-2-10	100 mg
EPB1220000	Ibuprofen impurity B 2-(4-Butylphenyl)propionic acid	10	1.15 ml
EPY0000140	Ibuprofen impurity F 3-[4-(2-methylpropyl)phenyl]propanoic acid	13	5 mg
EPI0050000	Idoxuridine	1-2-9	50 mg
EPI0060000	Ifosfamide	9-15	50 mg
EPI0060100	Ifosfamide Reference Spectrum		unit
EPI0060002	Ifosfamide impurity A 3-[(2-chloroethyl)amino]propyl dihydrogen phosphate	9	30 mg
EPI0060004	Ifosfamide impurity B bis[3-[(2-chloroethyl)amino]propyl]dihydrogen diphosphate	9	20 mg
EPI0060010	Ifosfamide impurity E 3-chloro-N-(2-chloroethyl)propan-1-amine	9	10 mg
EPI0060012	Ifosfamide impurity F (RS)-2-chloro-3-(2-chloroethyl)-1,3,2-oxazaphosphinane 2-oxide	9	10 mg
EPI0086000	Imidazole	10	100 mg
EPI0090000	Imipenem <i>Store at -20°C Cool pack</i>	1-10-15	100 mg
EPI0100000	Imipramine hydrochloride	1-2-10	50 mg
EPI0150000	Indapamide	1-2-10-15	150 mg
EPI0150020	Indapamide impurity B 4-chloro-3-sulphamoyl-N-(2-methyl-1H-indol-1-yl)benzamide	10-15	60 mg
EPI0200000	Indometacin	1-2	50 mg
*EPI0305000	Insulin (bovine) <i>Store at -20°C Cool pack</i>	4-4A-10-15	150 mg
*EPI0310000	Insulin (human) <i>Store at -20°C Cool pack</i>	4-4A-10-15	6.84 mg
*EPI0320000	Insulin (porcine) <i>Store at -20°C Cool pack</i>	4-4A-10-15	9.74 mg
*EPI0320300	Interferon alfa 2a <i>Store at -80°C Dry Ice</i>	4A-5-10-12	0.5 ml
*EPI0320301	Interferon alfa 2b <i>Store at -80°C Dry Ice</i>	4A-5-10-12	0.2 ml

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Code	Product	Use	Unit
*EPI0320330	Interferon gamma 1b <i>Store at -80 °C Dry Ice</i>	4A-5-10-11-12	2 x 0.6 ml
*EPI0320331	Interferon gamma 1b validation solution <i>Store at -80° C Dry Ice</i>	10	0.2 ml
EPI0328000	lobenguane sulphate	10-22	50 mg
EPI0320800	lohexol	1-4-9-10	150 mg
EPI0320810	lohexol impurity A 5-acetamido-N,N'-bis(2,3-dihydroxypropyl)-2,4,6-tri-iodo- benzene-1,3-dicarboxamide	10	50 mg
EPI0320820	lohexol impurity J 5-amino-N,N'-bis(2,3-dihydroxypropyl)-2,4,6-tri- iodobenzene-1,3-dicarboxamide	8A-9	125 mg
EPI0329000	lopamidol	1	50 mg
EPI0329010	lopamidol impurity A N,N'-bis[2-hydroxy-1-(hydroxymethyl)ethyl]-5-amino-2,4,6-tri- iodoisophthalamide	8A	10 mg
EPI0329020	lopamidol impurity B N,N'-bis[2-hydroxy-1-(hydroxymethyl)ethyl]-5-(2-hydroxyacetamido)- 2,4,6-tri-iodoisophthalamide	10	50 mg
EPI0330000	lopanoic acid	1-2-9	100 mg
EPI0340000	lotalamic acid	1-2	100 mg
EPY0000141	loxaglic acid	1-2-10	125 mg
EPY0000142	loxaglic acid impurity A 3-amino-5-[(2-hydroxyethyl)amino]carbonyl]-2,4,6-triiodo- benzoic acid	10	20 mg
EPI0360000	lpratropium bromide	1-2	60 mg
EPY0000276	lpratropium bromide impurity A (1R,3r,%S,8r)-3-hydroxy-8-methyl-8-(1-methylethyl)-8-azonia- bicyclo[3.2.1]octance	10	5 mg
EPI0361000	8s-lpratropim bromide	10	50 mg
EPI0375000	Isoconazole	1-2-10	200 mg
EPI0380000	Isoconazole nitrate	1-2-10	200 mg
EPI0400000	Isoemetine hydrobromide	9	25 mg
EPY0000037	Isoflurane Reference Spectrum		unit
EPI0460000	Isoleucine	1-2-9	50 mg
EPI0465000	Isomalt	2-4-10-15	3000 mg
EPY0000070	Isomalttooligosaccharide	10	1.8 mg
EPI0500000	Isoniazid	1	100 mg
EPI0599990	Isoprenaline hydrochloride	1-10	50 mg
EPI0600000	Isoprenaline sulphate	1	500 mg
EPI0700000	Isopromethazine hydrochloride	9	50 mg
EPI0725000	Isopropyl hexadecanoate	6-16	100 mg
EPI0750000	Isopropyl tetradecanoate	6-16	2 ml
EPI0775000	Isosorbide dinitrate	1-2-10-15	250 mg
EPI0775010	Isosorbide mononitrate	1-2-10-15	100 mg
EPI0775020	Isosorbide-2-nitrate	10-15	50 mg
EPI0800000	Isotretinoin	1-2-10	60 mg
EPI0900000	Isoxsuprine hydrochloride	1-2	50 mg
EPI7000000	Itraconazole	1-2-10	200 mg
EPI8000010	Ivermectin	1-4-10-15	150 mg
EPY0000041	Josamycin	2-9-17	150 mg
EPY0000042	Josamycin propionate	2-9-17	150 mg
EPK0100000	Kanamycin B sulphate	9-10	50 mg
EPK0200000	Kanamycin monosulphate	2-17	150 mg
EPK0550000	Ketamine hydrochloride Reference Spectrum		unit
EPK0551000	Ketamine impurity A 1-[(2-chlorophenyl)(methylimino)methyl]cyclopentanol	10	75 mg

Code	Product	Use	Unit
EPY0000246	Ketobemidone hydrochloride Reference Spectrum		unit
EPY0000244	Ketobemidone impurity B 1-(4-(3-hydroxyphenyl)-1-methyl-4-piperidyl)ethanon	10	5 mg
EPY0000245	Ketobemidone impurity C 1-(4-(3-hydroxyphenyl)-4-piperidyl)propan-1-one	10	5 mg
EPK0600000	Ketoconazole	1-2-10	150 mg
EPK1000000	3-Ketofuside acid	10	15 mg
EPK2000000	Ketoprofen	1-2-10	50 mg
EPK2000010	Ketoprofen impurity A 3-Acetylbenzophenone	10	10 mg
EPK2000015	Ketoprofen impurity C 2-(3-Carboxyphenyl)propionic acid	10	30 mg
EPY0000164	Ketotifen hydrogen fumarate Reference Spectrum		unit
EPY0000161	Ketotifen impurity G 4-(1-methylpiperidin-4-ylidene)-4H-benzo(4,5)cyclohepta(1,2-b)thiophen-9,10-dione	10	3 mg
EPL0050000	Labetalol hydrochloride	1-2	80 mg
*EPL0129000	Lactitol monohydrate	1-2-10-15	200 mg
EPY0000257	Lactobionic acid	1-2	100 mg
*EPA1206000	Lactose (anhydrous)	1-2	100 mg
*EPL0100000	Lactose	1-2	100 mg
*EPL0130000	Lactulose	2-4-10-15	3000 mg
EPY0000188	Lactulose for system suitability	10-15	12 mg
EPL0350000	Lauryl alcohol	2	100 mg
EPL0375000	Leucine	1-2-9	50 mg
EPL0376001	Leuprorelin Reference Spectrum		unit
EPL0376000	Leuprorelin <i>Store at -20°C Cool pack</i>	1-4-15	5.07 mg
EPY0000047	Levamisole for system suitability	10	80 mg
EPL0380000	Levamisole hydrochloride	1-2-9	50 mg
EPY0000048	Levamisole Reference Spectrum		unit
EPL0390000	Levocabastine hydrochloride	1	125 mg
EPL0390008	Levocabastine impurity D 1-[4-cyano-4-(4-fluorophenyl)cyclohexyl]-4-phenyl-4-piperidine carboxylic acid	12	20 mg
EPL0399900	Levocarnitine	1-10	125 mg
EPL0399905	Levocarnitine impurity A 4-(trimethylammonio)but-2-enoate	10	50 mg
EPL0400000	Levodopa	1	100 mg
EPL0420000	Levodropropizine	1-10	60 mg
EPL0420002	Levodropropizine impurity A (2R)-3-(4-phenylpiperazin-1-yl)propane-1,2-diol (dextrodropropizine)	10	20 mg
EPL0500000	Levomepromazine hydrochloride	2	100 mg
EPL0505000	Levomepromazine maleate	1-2	50 mg
EPL0551000	Levonorgestrel	1-9	30 mg
EPL0570000	Levothyroxine sodium	1-2-15	100 mg
EPL0595000	Lidocaine	1-2	50 mg
EPL0600000	Lidocaine hydrochloride	1-2	100 mg
EPL0650000	Lincomycin hydrochloride	1-2-10-13-15-16	250 mg
EPL0655000	Lindane	1-2-9	250 mg
EPL0700000	Liothyronine sodium	1-2-10-15	50 mg
EPL0702000	Lisinopril dihydrate	1	50 mg
EPL0702100	Lisinopril dihydrate for performance test	10	2 x 2 mg
EPL0720000	Lithium clavulanate	10-15	125 mg
EPL0720800	Lithocholic acid	9	60 mg

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Code	Product	Use	Unit
EPY0000112	Lobeline hydrochloride	1-2	50 mg
EPL0745000	Lomustine	1-2-9	50 mg
EPL0750000	Loperamide hydrochloride	1-2-10	150 mg
EPL0750500	Lorazepam Controlled Substance	1-2-9	100 mg
EPL0790000	Lovastatin <i>Store at -20°C Cool pack</i>	1-10-15	60 mg
EPL0800000	Lynestrenol	1-2-9	50 mg
EPL0900000	Lysine hydrochloride	1-2-9	50 mg
EPM0088000	Magnesium aspartate dihydrate	2-9	60 mg
EPM0120000	Malathion	1-10-15	250 mg
EPM0120005	Malathion impurity A diethyl(2RS)-2-[(methoxy)(methylsulfanyl)-S-phosphinothioyl]butane dioate (isomalathion)	10-15	10 mg
EPM0120010	Malathion impurity B diethyl(2RS)-2-(dimethoxy-S-phosphinothioyl)-butanedioate (maloxon)	10-15	10 mg
EPM0100000	Maleic acid	2-9	100 mg
EPY0000143	Malic acid Reference Spectrum		unit
EPM0160000	Maltitol	2-15	1200 mg
EPM0200000	Mannitol	1-2-10-13-15	1200 mg
EPM0206040	Maprotiline impurity D 3-(9,10-dihydro-9,10-ethanoanthracen-9-yl)N-methylprop-2-en-1- amine;(dehydromaprotiline)	2-10	25 mg
EPM0206000	Maprotiline hydrochloride	1-2	100 mg
*EPM0210000	Measles vaccine (live) BRP <i>Store at -20°C Cool pack</i>	18	5 x 80 mg
EPM0215000	Mebendazole	1-10	20 mg
EPY0000168	Mebendazole Reference Spectrum		unit
EPY0000144	Mebendazole for system suitability	10	20 mg
EPM0220000	Meclozine hydrochloride	1-2-9	150 mg
EPM0240000	Medronic acid	2	20 mg
EPM0250000	Medroxyprogesterone acetate	1-2-9-10	100 mg
EPM0250010	Medroxyprogesterone acetate for performance test	9	50 mg
EPM0252600	Mefenamic acid	1-9	50 mg
EPM0253000	Mefloquine hydrochloride	1-2-9	100 mg
EPM0260000	Megestrol acetate	10	50 mg
EPM0260100	Megestrol acetate Reference Spectrum		unit
EPY0000267	Meglumine Reference Spectrum		unit
EPM0300000	Menadione	1	100 mg
EPM0350000	Menthol	2-6-13	150 mg
EPM0370000	Mepivacaine hydrochloride	1-2	100 mg
EPM0370020	Mepivacaine impurity B (RS)-N-(2,6-dimethylphenyl)piperidine-2-carboxamide	10	60 mg
EPM0400000	Meprobamate Controlled Substance IV	1-9	100 mg
EPM0500000	Mepyramine maleate	1-2-9	1000 mg
EPY0000297	Mesalazine	1-2	125 mg
EPY0000227	Meso rich exametazime	10	10 mg
EPY0000097	Mesterolone	1-10-15	60 mg
EPY0000096	Mesterolone impurity A (17beta-hydroxy-1-alpha-methylandroster-4-en-3-one)	2-10	30 mg
EPM0600000	Mestranol	1-2-9	100 mg
EPM0600500	Metacycline hydrochloride	2-10-15	100 mg
EPM0600905	Metamizole impurity A 4-formylamino-1,5-dimethyl-2-phenyl-1,2-dihydro-3H-pyrazol-3-one	10	50 mg
EPM0600900	Metamizole sodium	1-10	100 mg
EPM0605000	Metformin hydrochloride	1-2	50 mg

Code	Product	Use	Unit
EPM0610030	Methacrylic acid-ethyl acrylate copolymer (1:1), dispersion 30% Reference Spectrum		unit
EPM0610000	Methacrylic acid-ethylacrylate copolymer(1:1) Reference Spectrum		unit
EPM0620000	Methacrylic acid-methylmethacrylate copolymer (1:1) Reference Spectrum		unit
EPM0630000	Methacrylic acid-methylmethacrylate copolymer (1:2) Reference Spectrum		unit
EPM0800000	Methadone hydrochloride Reference Spectrum		unit
EPM0900000	Methaqualone Reference Spectrum		unit
EPM0920001	Methenamine Reference Spectrum		unit
EPM0950000	DL-Methionine	1-2-9	50 mg
EPM0960000	Methionine	1-2-9	50 mg
EPM1000000	Methotrexate	1-15	200 mg
EPM1000008	Methotrexate impurity D 4-[[[(2-amino-4hydroxypteridin-6-yl)methyl]methyl-amino]benzoic acid	10-15	50 mg
EPM1100000	3-Methoxymethitldopa	9	50 mg
EPM1556000	Methyl 12-hydroxystearate	13	100 mg
EPM1770180	Methyl ricinoleate Store at -20° Cool Pack	13	125 mg
EPM1770200	Methyl stearate	13	100 mg
EPM1470000	Methyl 2-(4-chlorophenoxy)-2-methylpropionate	13	0.5 ml
EPM1300000	Methylatropine bromide	1-2	100 mg
EPM1400000	Methylatropine nitrate	1	100 mg
EPM1450000	Methylcarbidoopa	10	1 mg
EPM1500000	Methyldopa	1-10	50 mg
EPM1550000	Methylene chloride	6-13	2 ml
EPM1551000	2-(1-Methylethyl) pentanoic acid	10-13	25 mg
EPM1625000	Methylnitrosoindoline	10-15	100 mg
EPM1650000	Methylparahydroxybenzoate	1-2-9	100 mg
EPM1700000	Methylphenobarbital Controlled Substance	1-2-3	500 mg
EPM1750000	Methylprednisolone	1-2-10	150 mg
EPM1755000	Methylprednisolone acetate	1-2-10	100 mg
EPM1755200	Methylprednisolone hydrogen succinate	1-2	125 mg
EPM1755220	Methylprednisolone hydrogen succinate for performance test	10	50 mg
EPM1770180	Methyl ricinoleate	13	125 mg
EPM1770200	Methyl stearate	13	100 mg
EPM1800000	Methyltestosterone	1-2-9	100 mg
EPM1800900	Methyltestosterone chloride	2	50 mg
EPM1800900	Methylthioninium chloride (Methylene blue)	2	50 mg
EPM1800902	Methylthioninium impurity A 3-(dimethylamino)-7-(methylamino)phenothiazin-5-ylum	10	20 mg
EPM1808000	Metixene hydrochloride	1-9	75 mg
EPM1824990	Metoclopramide	1-2-9	100 mg
EPM1825000	Metoclopramide hydrochloride	1-2-9-10	50 mg
EPM1824995	Metoclopramide impurity A 4-(acetilamino)-5-chloro-N-(2-diethylaminoethyl)-2-methoxybenzamide	10	25 mg
EPM1825010	Metoclopramide impurity E N,N-diethylethane-1,2-diamine	9	20 mg
EPY0000145	Metoprolol impurity A (2RS)-1-(ethylamino)-3-{4-(2-methoxyethyl)phenoxy}propan-2-ol	10	10 mg
EPM1828000	Metoprolol impurity D 3-[4-(2-methoxyethyl)phenoxy] propane-1,2-diol	10	10 mg
EPM1829000	Metoprolol succinate	1-2-10	100 mg
EPY0000171	Metoprolol succinate Reference Spectrum		unit

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Code	Product	Use	Unit
EPM1830000	Metoprolol tartrate	1-2-10	60 mg
EPM1845000	Metrifonate	1-2	100 mg
EPM1850000	Metronidazole	1-10	50 mg
EPM1851000	Metronidazole benzoate	1-2-9	50 mg
EPY0000069	Metronidazole benzoate Reference Spectrum		unit
EPY0000087	Metronidazole impurity A 2-methyl-4-nitroimidazole	10	20 mg
EPM1860000	Mexiletine hydrochloride	1-2	100 mg
EPY0000202	Mexiletine impurity C 4,4'-bis(2-amino-1-propyloxy)-3,3',5,5'-tetramethylbiphenyl	10	2 mg
EPY0000203	Mexiletine impurity D 4,4'-bis(2-amino-1-propylpxy)3,3',5,5'-tetramethylbiphenyl	9	2 mg
EPM1875000	Mianserin hydrochloride	1-2	50 mg
EPM1880000	Miconazole	1-2-10	70 mg
EPM1900000	Miconazole nitrate	1-2-10	100 mg
EPM2200000	Midazolam IV Controlled Substance	1-2-9	50 mg
EPM2280000	Minocycline hydrochloride	2-10-15	125 mg
EPM2300000	Minoxidil	1-2	50 mg
EPM2305000	Mitoxantrone hydrochloride	10-15	60 mg
EPM2305005	Mitoxantrone impurity A 1-amino-5,8-dihydroxy-4-[[2-[(2-hydroxyethyl)amino]ethyl]amino]	10-15	5 mg
EPY0000251	Molgramostim	4A-5-10-12-15	0.3 ml
EPM2900000	Mometasone furoate	1-2-10	100 mg
EPY0000028	Morantel hydrogen tartrate	1	50 mg
EPM3000000	Morphine sulphate Reference Spectrum		unit
EPY0000226	Moxonidine	1-10-15	50 mg
EPY0000222	Moxonidine impurity A 4,6-dichloro-N-(4,5-dihydro-1H-imidazol-2-yl)-2-methyl-5-pyrimidinamine	10	10 mg
*EPM3600000	Mumps vaccine (live) BRP <i>Store at -80°C Dry Ice</i>	18	5 x 33 mg
EPM3805500	Mupirocin calcium Reference Spectrum		unit
EPM3806000	Mupirocin lithium	10-15	100 mg
EPM3805000	Mupirocin Reference Spectrum		unit
EPN0020000	Nabumetone	1-10-15	60 mg
EPN0020020	Nabumetone impurity D (E)-4-(6-methoxynaphthalen-2-yl)but-3-en-2-one	10-15	10 mg
EPN0020030	Nabumetone impurity F 6,6'-dimethoxy-2,2'-binaphthalenyl	10-15	20 mg
EPY0000146	Nadolol	1	100 mg
*EPN0025000	Nadroparin calcium	5A	250 mg
EPY0000077	Naftidrofuryl hydrogen oxalate Reference Spectrum		unit
EPY0000120	Naftidrofuryl impurity A 2-[(naphthalen-1-yl)methyl]-3-(tetrahydrofuran-2-yl)propanoic acid	10	50 mg
EPY0000121	Naftidrofuryl impurity B 2-[(naphthalen-1-yl)methyl]-3-(tetrahydrofuran-2-yl)propanoate	10	25 mg
EPY0000122	Naftidrofuryl impurity C 3-[(naphthalen-1-yl)-2-[(naphthalen-1-yl)methyl]propanoate	10	50 mg
EPN0050000	Nalidixic acid	1-2-9	100 mg
EPN0075000	Naloxone hydrochloride	1-2-9	100 mg
EPN0075005	Naloxone impurity A 4,5- α -epoxy-3,14-dihydroxymorphinan-6-one (noroxymorphone)	10	10 mg
EPY0000252	Naphazoline hydrochloride Reference Spectrum		unit
EPN0080000	Naphazoline hydrochloride	1-8-9	50 mg
EPY0000253	Naphazoline nitrate Reference Spectrum		unit

Code	Product	Use	Unit
EPN0200000	Naphazoline impurity A Naphthylacetylenediamine	9	25 mg
EPN0250000	Naproxen	1	100 mg
EPN0300000	Neamine	10	0.5 mg
EPN0399000	Neohesperidin dihydrochalcone	1-4-15	125 mg
EPN0399004	Neohesperidin dihydrochalcone impurity B 7-[[2-O-(6-deoxy- α -L-mannopyranosyl)- β -D-glucopyranosyl]oxy]-5-hydroxy-2-(3-hydroxy-4-methoxyphenyl)-4H-1-benzopyran-4-one (neodiosmin)	10	10 mg
EPN0400000	Neomycin Sulphate (not to be used for microbiological assay)	4-10	50 mg
EPN0401000	Neomycin Sulphate for microbiological assay	17	25 mg
EPN0500000	Neostigmine bromide	1	50 mg
EPN0550000	Neostigmine metilsulfate	1	50 mg
EPN0559000	Netilmicin sulphate	4-10-17	25 mg
EPY0000287	Nicergoline Reference Spectrum		unit
EPY0000283	Nicergoline impurity A [(6aR,9R,10aS)-10a-methoxy-4,7-dimehtyl-4,6,6a7,8,9,10,10a-octahydroindol[4,3-fg]quinolin-9-yl]methyl 5-chloropyridine	10	10 mg
EPN0560000	Niclosamide (anhydrous)	1	50 mg
EPN0600000	Nicotinamide	1	50 mg
EPN0590200	Nicotine ditartrate	10	20 mg
EPN0590000	Nicotine Reference Spectrum		unit
EPN0700000	Nicotinic acid	1-9	100 mg
EPN0750000	Nifedipine	1-2	50 mg
EPN0750010	Nifedipine impurity A Dimethyl 2,6-dimethyl-4-(2-nitrophenyl) pyridine-3,5-dicarboxylate	10	20 mg
EPN0750015	Nifedipine impurity B Dimethyl 2,6-dimethyl-4-(2-nitrosophenyl) pyridine-3,5-dicarboxylate	10	20 mg
EPY0000178	Nifuroxazide Reference Spectrum		unit
EPN0800000	Nikethamide	1	1 ml
EPN0845000	Nimesulide	1	100 mg
EPN0845006	Nimesulide impurity C 2-phenoxyaniline	10	25 mg
EPN0845008	Nimesulide Impurity D 4-nitro-2-phenoxyaniline	10	25 mg
EPN0850000	Nimodipine	1	100 mg
EPN0850010	Nimodipine impurity A 2,6-dimethyl-4-(3-nitrophenyl)pyridine-3,5-dicarboxylate	10	1 ml
EPN0900000	Nitrazepam Controlled Substance	1-9	100 mg
EPN0900010	Nitrazepam impurity A 3-Amino-6-nitro-4-phenylquinol-2-one	9	25 mg
EPN0905000	Nitrendipine	1	100 mg
EPN0905005	Nitrendipine impurity A ethyl methyl-2,6-dimethyl-4-(3-nitrophenyl) pyridine-3,5-dicarboxylate;(nitrophenylpyridine analogue)	10	20 mg
EPN0930000	Nitric oxide Reference Spectrum		unit
EPN0950000	Nitrofural	1-2-10-14	100 mg
EPN1000000	Nitrosotriaminopyrimidine	9	50 mg
EPN1050000	Nitrous oxide Reference Spectrum		unit
EPN1090000	Nizatidine	1-2-10-15	250 mg
EPN1090060	Nizatidine impurity F (EZ)N1,N1,-[thiazole-2,4-diylbis(methylenesulphanediylethylene)]bis(N'-methyl-2-nitroethene-1,1-diamine)	10-15	10 mg

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Code	Product	Use	Unit
EPN1080000	Nomegestrol acetate	1-10	100 mg
EPN1080005	Nomegestrol acetate impurity A 17-acetoxy-6-methyl-19-norpregn-4-ene-3,20-dione	10	50 mg
EPN1084000	Nonoxinol 9 Reference Spectrum		unit
EPN1100000	Noradrenaline tartrate	1-9	200 mg
EPN1130000	Norcyclobenzaprine	9	25 mg
EPN1140000	Nordazepam Controlled Substance (Dipotassium clorazepate impurity B)	9	50 mg
EPN1200000	Norethisterone	1-2	100 mg
EPN1225000	Norethisterone acetate	1-2-10	100 mg
EPN1230000	Norfloxacin	1	50 mg
EPN1230010	Norfloxacin impurity A 7-chloro-1-ethyl-6-fluoro-4-oxo-1,4-dihydroquinoline-3-carboxylic acid	9-10	20 mg
EPN1250000	Norgestrel	1-9	30 mg
EPN1279000	Norpseudoephedrine hydrochloride Controlled Substance	9	50 mg
EPN1285000	Nortriptyline hydrochloride Reference Spectrum		unit
EPN1300000	Noscapine	1-2	100 mg
EPN1400000	Nystatin	8A-17	500 mg
EPO0100900	Octoxinol 10	1-4-15	300 ml
EPO0101000	Octyldodecanol	2	400 mg
EPO0120000	Ofloxacin	1	50 mg
EPO0120010	Ofloxacin impurity A (RS)-9,10-difluoro-3-methyl-7-oxo-2,3-dihydro-7H-pyrido[1,2,3-de][1,4]benzoxazine-6-carboxylic acid (FPA)	9	20 mg
EPO0120050	Ofloxacin impurity E (RS)-9-fluoro-3-methyl-10(piperazin-1-yl)-7-oxo-2,3-dihydro-7H-pyrido[1,2,3-de][1,4]benzoxazine-6-carboxylic acid	10	20 mg
EPO0140000	Oleamide R Plastic additive 20	21	100 mg
EPO0145000	Oleyl alcohol	2	100 mg
EPO0146000	Olsalazine sodium	1-2	60 mg
EPO0146010	Olsalazine sodium for performance test	10	60 mg
EPO0151000	Omeprazole impurity D <i>Store at -20°C Cool pack</i> Omeprazole sulphone	10	30 mg
EPO0150000	Omeprazole <i>Store at -20°C Cool pack</i>	1-2-9-10	50 mg
EPY0000197	Ondansetron for LC system suitability	10	10 mg
EPY0000196	Ondansetron for TLC system suitability	9	30 mg
EPY0000218	Ondansetron hydrochloride dihydrate	1-10	200 mg
EPY0000195	Ondansetron impurity D 9-methyl-3-methylene-1,2,3,9-tetrahydro-4H-carbazol-4-one	10	10 mg
EPO0180000	Orciprenaline sulphate	1-2-10	100 mg
EPY0000101	Orphenadrine citrate	1-13	100 mg
EPY0000101	Orphenadrine citrate	1-13	100 mg
EPY0000100	Orphenadrine hydrochloride	1-13	100 mg
EPY0000102	Orphenadrine impurity E	13	30 mg
EPY0000100	Orphendadrine hydrochloride	1-13	100 mg
EPO0200000	Ouabain	2-9-14	150 mg
EPY0000271	Oxaliplatin	1-10-15	250 mg
EPY0000272	Oxaliplatin impurity B (SP-4-2)-diaqua[(1R,2R)-cyclohexane-1,2-diamine-kN,kN']platinum (diaquodiano-cyclohexaneplatinum)	10	25 mg
EPY0000273	Oxaliplatin impurity C (OC-6-33)-[(1R,2R)-cyclohexane-1,2-diamine-kN,kN']-[ethane-dioato (2-)-kO1,kO2]dihydroxyplatinum	10	10 mg

Code	Product	Use	Unit
EPY0000274	Oxalipatin impurity D (SP-4-2)-[(1S,2S)-cyclohexane-1,2-diamine-kN,kN'] [ehtane-dioato (2-)-k01,k02]platinum(s,S-enantiomer of oxaliplatin)	10	5 mg
EPO0225000	Oxazepam Controlled Substance	1-2-9	
EPO0225800	Oxfendazole for veterinary use	1-2-9	50 mg
EPY0000224	Oxfendazole impurity B	10	50 mg
EPY0000225	Oxfendazole with impurity D	10	10 mg
EPO0240000	Oxolinic acid	1-2	10 mg
EPO0240005	Oxolinic acid impurity A 8-hydroxy-1,3-dioxolo[4,5-g]quinoline -7-carboxylic acid	9	50 mg 20 mg
EPO0240010	Oxolinic acid impurity B ethyl5-ethyl-8-oxo-5,8-dihydro-1,3-dioxolo [4,5-g]quinoline-7- carboxylate	9	20 mg
EPO0250000	Oxprenolol hydrochloride	1-2-9	50 mg
EPO0260000	Oxybendazole	10	100 mg
EPO0270000	Oxybuprocaine hydrochloride	1-2	150 mg
EPO0288000	Oxybutynin hydrochloride	1-2-10	150 mg
EPO0288005	Oxybutynin impurity A 4-(diethylamino)but-2-ynyl(RS)-2-(cyclohex-3-enyl)2-cyclohexyl- 2-hydroxyacetate	10	50 mg
EPO0290000	Oxymetazoline hydrochloride	1-2-9	80 mg
EPO0300000	Oxyphenbutazone	1	100 mg
EPO0400000	Oxytetracycline	2-15	100 mg
EPO0500000	Oxytetracycline hydrochloride	2	100 mg
*EPO0700000	Oxytocin <i>Store at -20°C Cool pack</i>		5 mg
EPO0770000	Oxytocin/desmopressin validation mixture <i>Store at - 20°C Cool-Pack</i>	10-15	0.2 mg
EPP0090000	Palmitic acid	6-16	100 mg
*EPP0200000	Pancreas powder (protease)BRP	14	2 g
*EPP0100000	Pancrease powder (amylse and lipase)BRP	20A-20	2 g
EPP0250000	Pancuronium bromide	1-2-9	100 mg
EPD0050000	Pancuronium impurity A (Dacuronium bromide)	9	10 mg
EPP0270000	Papaverine hydrochloride	2	25 mg
EPP0300000	Paracetamol	1	100 mg
EPY0000293	Paraffin (white soft) Reference Spectrum		unit
EPP0302500	Paraffin (yellow soft) Reference Spectrum		unit
EPP0302000	Paraffin hard Reference Spectrum		unit
EPY0000058	Paraffin liquid Reference Spectrum		unit
*EPP0305000	Parnaparin sodium	7	250 mg
EPY0000233	Paroxetine impurity A (3S,4R)-3-[[1,3-benzodioxol-5-yloxy)methyl]-4-phenylpiperidine	10-15	10 mg
EPY0000243	Paroxetine impurity C (3S,4R)-3-[1,3-benzodioxol-5-yloxy)methyl]-4-(4-ethoxyphenyl)- piperidine	10	5 mg
EPY0000256	Paroxetine impurity D (3R,4S)-3-[1,3-benzodioxol-5-yloxy)methyl]-4-(4-fluorophenyl) piperidine	10	5 mg
EPP0309020	Pefloxacin impurity B (1-ethyl-6-chloro-7-(4-methylpiperazin-1-yl)-4-oxo-1,4-dihydroquinoline- 3-carboxylic acid (chlorinated homologue of pefloxacin)	10	10 mg
EPP0309030	Pefloxacin impurity C (1-ethyl-6-fluoro-5-(4-methylpiperazin-1-yl)-4-oxo-1,4- dihydroquinoline-3-carboxylic acid (isopefloxacin)	10	25 mg
EPP0309000	Pefloxacin mesilate dihydrate	1	200 mg
EPY0000281	Paroxetine hydrochloride hemihydrate	1-15	100 mg

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Code	Product	Use	Unit
EPP0307005	Penbutolol impurity A (2S)-1-[2-(cyclopent-1-enyl)phenoxy]-3-[(1,1-dimethylethyl)amino]propan-2-ol	10	20 mg
EPP0307000	Penbutolol sulphate	1-2	100 mg
EPP0310000	Penicillamine	2-4-10	100 mg
EPP0320000	Penicillamine disulphide	10	100 mg
EPP0400100	Pentaerythrityl tetranitrate diluted	1-2-10-15	600 mg
EPP0405000	Pentamidine diisetonate	1-10	30 mg
EPP0405510	Pentazocine hydrochloride Reference Spectrum		unit
EPP0405500	Pentazocine Reference Spectrum		unit
EPP0500000	Pentobarbital Controlled Substance	2-3	500 mg
EPP0510000	Pentoxifylline	1-2-9	100 mg
EPY0000076	Pentoxyverine hydrogen citrate Reference Spectrum		unit
EPY0000098	Pentoxyverine impurity A 1-phenylcyclopentanecarboxylic acid	10	10 mg
EPY0000099	Pentoxyverine impurity B 2-diethylamino)ethyl-1-phenylcyclopentanecarboxylate (caramiphen)	10	10 mg
*EPP0525000	Pepsin Powder BRP	14	2 g
EPY0000010	Pergolide mesilate	1-15	150 mg
EPY0000207	Perindopril for stereochemical purity	10	40 mg
EPY0000206	Perindopril for system suitability	10	30 mg
EPY0000237	Perindopril impurity A	10	10 mg
EPY0000238	Perindopril tert-butylamine	1-2	40 mg
EPP0550000	Perphenazine	1-2	100 mg
EPY0000021	Pertussis toxin BRP	18	2 x 0.05 mg
EPP0600000	Pethidine hydrochloride Reference Spectrum		unit
EPP0600002	Pethidine impurity A 1-methyl-4-phenylpiperidine (MPP)	10	20 mg
EPP0700000	Phenacetin	1	50 mg
EPP0800000	Phenazone	1	50 mg
EPP0850000	Pheniramine maleate	1-2	250 mg
EPP0900000	Phenobarbital Controlled Substance	1-2-3-9	500 mg
EPP0950000	Phenoxyethanol	1	2 ml
EPP1000000	Phenoxymethylpenicillin	1-2	250 mg
EPP1100000	Phenoxymethylpenicillin potassium	1-2-10-15	250 mg
EPP1109000	Phentolamine mesilate Reference Spectrum		unit
EPP1120000	Phenylacetic acid	10-15	50 mg
EPP1150000	Phenylalanine	1-2-9	60 mg
EPP1200000	Phenylbutazone	1-10	100 mg
EPY0000147	Phenylbutazone impurity B (4-butyl-4-hydroxy-1,2-diphenyl-3,5)-pyrazolidinedione	10	20 mg
EPP1240000	Phenylephrine	1-2-9	60 mg
EPP1255000	Alpha-phenylglycine R	9	50 mg
EPP1250000	Phenylephrine hydrochloride	1	50 mg
EPY0000229	Phenylmercuric acetate Reference Spectrum		unit
EPP1255100	Phenylmercuric borate Reference Spectrum		unit
EPP1260000	Phenylpropanolamine hydrochloride	1-2-9	50 mg
EPP1290000	Phenytoin	1-2-9-10	100 mg
EPP1300000	Phenytoin sodium	1	250 mg
EPP1400000	Pholcodine Reference Spectrum		unit
EPP1500000	Phthalylsulfathiazole	1	100 mg
EPP1600000	Physostigmine salicylate	1-2-9	100 mg
EPP1605000	Physostigmine sulphate	1-2-9	100 mg
EPP1609000	Phytomenadione	2-9-15	150 mg
		9	25 mg

Code	Product	Use	Unit
EPP1645005	Picotamide impurity A 4-methoxybenzene-1,3-dicarboxylic acid	15	10 mg
EPP1609010	trans-Epoxyphytomenadione	1	125 mg
EPP1645000	Picotamide monohydrate	10	50 mg
EPY0000124	Pidolate impurity B (2S)-2-[[[(2S)-5-oxopyrrolidin-2-yl]carbonyl]amino]pentanedioic acid		
EPY0000123	Pidolic acid	2	125 mg
EPP1650000	Pilocarpine hydrochloride	1-2	50 mg
EPP1700000	Pilocarpine nitrate	1-2	50 mg
EPY0000106	Pilocarpine nitrate for system suitability	10	20 mg
EPP1750000	Pimozide	1-2-10	150 mg
EPP1800000	Pindolol	1-2-9	100 mg
EPY0000061	Pipemidic acid trihydrate Reference Spectrum		unit
EPP1890000	Piperacillin	1-10-15	100 mg
EPP1900000	Piperazine adipate	1-2-9	250 mg
EPP2000000	Piperazine citrate	1-2-9	250 mg
EPP2100000	Piperazine hydrate	1-2-9	250 mg
EPY0000288	Piracetam	1-2	50 mg
EPY0000038	Pirenzepine dihydrochloride monohydrate	1-2-9	250 mg
EPP2120000	Piretanide	1-10	100 mg
EPP2120002	Piretanide impurity A 4-phenoxy-3(1H-pyrrol-1-yl)-5-sulphamoylbenzoic acid	10	20 mg
EPP2130000	Piroxicam	1-2-9	100 mg
EPP2130100	Piroxicam for system suitability	10	10 mg
EPP2150000	Pivampicillin	1-2-15	50 mg
EPP2152000	Pivmecillinam hydrochloride	1-10-15	100 mg
EPP2152015	Pivmecillinam impurity C methylene 2,2-dimethylpropanoate (2RS,4S)-2-[[[(hexahydro-1H-azepin-1-yl)methylene]amino]methyl]-5,5-dimethylthiazolidin-4-carboxylate	10-15	10 mg
EPP2155001	Plastic additive 01 (2RS)-2-ethylhexyl)benzene-1,2-dicarboxylate Synonym:di(2-ethylhexyl)phthalate	21	2 ml
EPP2155003	Plastic additive 03 N,N'-ethylenedialcanamide Synonym:N,N'-diacylethylenediamines	21	100 mg
EPP2155008	Plastic additive 08 Ethylene bis 3,3-di(3-1,1-dimethylethyl -4-hydroxyphenyl)-butyrate]R	21	500 mg
EPP2155009	Plastic additive 09	21	250 mg
EPP2155010	Plastic additive 10 4,4',4"-[(2,4,6-trimethylbenzene-1,3,5-triyl)tris(methylene)]-tris[2,6-bis(1,1-dimethylethyl)phenol] Synonym:2,2',2'',6,6',6''-hexatert-butyl-4,4',4''-[2,4,6-trimethyl-1,3,5-benzenetriyl)trismethylene]triphenol	21	250 mg
EPP2155011	Plastic additive 11 Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)-propionate	21	500 mg
EPP2155012	Plastic additive 12 Tris(2,4-di-1,1-dimethylethylphenyl) phosphite R	21	60 mg
EPP2155013	Plastic additive 13 1,3,5-tris(3,5-di-1,1-dimethylethyl-4-hydroxybenzyl)-1H,3H,5H-1,3,5-triazine-2,4,6-trione	21	250 mg
EPP2155014	Plastic additive 14 2,2'-Di(octadecyloxy)5,5'-spirobi(1,3,2,-dioxaphosphorinane)	21	200 mg
EPP2155015	Plastic additive 15 Dioctadecyl disulphide	21	500 mg

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Code	Product	Use	Unit
EPP2155016	Plastic additive 16 Didodecyl 3,3'-thiodipropionate R <i>Store at -20°C Cool pack</i>	21	500 mg
EPP2155017	Plastic additive 17 Dioctadecyl 3,3'-thiodipropionate R	21	500 mg
EPP2155018	Plastic additive 18	21	100 mg
EPP2155022	Plastic additive 22 Copolymer of dimethyl butanedioate and 1-(2-hydroxyethyl)-2,2,6,6-tetramethylpiperidin-4-ol Synonyms: copolymer of dimethylsuccinate and (4-hydroxy-2,2,6,6-tetramethylpiperidin-1-yl)ethanol	21	100 mg
EPP2155023	Plastic additive 23 di(isooctyl)2,2'-[(dioctylstannylene)bis(thio)]diacetate containing about 27% of (tri(isooctyl)2,2',2''-[monooctylstannylidyne]tris(thio)]triacetate	22	200 mg
*EPP2161000	Poliomyelitis vaccine (oral) BRP <i>Store at -20°C Cool pack</i>	18	5 x 1 ml
EPP2164009	Poloxamer 188	1	100 mg
EPP2164020	Poloxamer 237	1	100 mg
EPP2164021	Poloxamer 338	1	100 mg
EPP2164030	Poloxamer 407	1	100 mg
EPP2600000	Poly(vinyl chloride)	1	100 mg
EPP2170000	Polyacrylate Reference Spectrum		unit
EPP2400000	Polymyxin B sulphate	15	120 mg
EPY0000289	Polysorbate 20 Reference Spectrum		unit
EPY0000290	Polysorbate 40 Reference Spectrum		unit
EPY0000291	Polysorbate 60 Reference Spectrum		unit
EPY0000007	Polysorbat 80 Reference Spectrum		unit
EPP2649610	Potassium clavulanate Reference Spectrum	1	unit
EPP2650000	Potassium sorbate	1	100 mg
EPP2660000	Povidone		100 mg
EPP2660100	Povidone (iodinated) Reference Spectrum	15	unit
EPY0000204	Pravastatin 1,1,3,3-tetramethylbutylamine	10	30 mg
EPY0000223	Pravastatin impurity A		10 mg
EPY0000215	Pravastatin sodium Reference Spectrum	1-2-9	unit
EPP2669000	Prazepam Controlled Substance	1-2-10-14	50 mg
EPP2670000	Praziquantel	2-10	150 mg
EPP2675000	Praziquantel impurity A (RS)-2-benzoyl-1,2,3,6,7,11b-hexahydro-4H-pyrazino[2,1a]isoquinolin-4-one	1-2-9	50 mg
EPP2680000	Prazosin hydrochloride	1-2-15	50 mg
EPP2698000	Prednicarbate	10-15	100 mg
EPP2698060	Prednicarbate impurity F 1,2-dihydroprednicarbate	1-2-10	10 mg
EPP2700000	Prednisolone	1-2-10	200 mg
EPP2800000	Prednisolone acetate	1-2-15	200 mg
EPP2804000	Prednisolone hexanoate	10	200 mg
EPP2805000	Prednisolone pivalate	1-2-10	10 mg
EPP2810000	Prednisolone sodium phosphate	1-2-10	100 mg
EPP2900000	Prednisone	1-2-10	150 mg
EPP2920000	Pregnenolone isobutyrate	16	50 mg
EPP2939000	Prilocaine	1-2	100 mg
EPP2939060	Prilocaine hydrochloride		150 mg
EPP2939025	Prilocaine impurity E (RS)-N-(4-methylphenyl)-2-(propylamino)propanamide	1-2	100 mg
EPP2940000	Primaquine diphosphate	1-2-10	25 mg
EPP2950000	Primidone	1-8-14	500 mg
EPP3000000	Probenecid		

Code	Product	Use	Unit
EPP3050000	Procainamide hydrochloride	1	150 mg
EPP3090000	Procaine benzylpenicillin	1	100 mg
EPP3100000	Procaine hydrochloride	1-2-15	100 mg
EPP3200000	Prochlorperazine maleate	1-2	250 mg
EPP3300000	Progesterone	1-2	100 mg
EPY0000148	Progesterone impurity C (20R)-20-hydroxypregn-4-en-3-one	10	250 mg
EPY0000179	Proguanil hydrochloride Reference Spectrum		10 mg
EPY0000181	Proguanil impurity C 1,5-bis(4-chlorophenyl)biguanide	10	unit 10 mg
EPY0000182	Proguanil impurity D 1,5-bis(1-methylethyl)biguanide	10	10 mg
EPP3350000	Proline	1-2-9	60 mg
EPP3390000	Promazine hydrochloride	1-2	100 mg
EPP3400000	Promethazine hydrochloride	1	50 mg
EPY0000278	Propanol Reference Spectrum		unit
ytEPP3490000	Propacetamol hydrochloride Reference Spectrum		unit
EPY0000016	Propofol	1-15	290 mg
EPY0000017	Propofol for system suitability	10	0.1 ml
EPY0000018	Propofol impurity J 2,6-bis (1-methylethyl)-1,4-benzoquinone	10	20 mg
EPP3500000	Propranolol hydrochloride	1-2	100 mg
EPP3600000	Propranolol hydrochloride for performance test	10	20 mg
EPP3640000	Propyl gallate	1-2-9	50 mg
EPP3650000	Propyl parahydroxybenzoate	1-2-9-15	100 mg
EPP3700000	Propylthiouracil	1-2-9	100 mg
EPP3750000	Propyphenazone	1-2-9	200 mg
EPP3760000	Protirelin <i>Store at -20°C Cool pack</i>	1-4-15	2 x 4.91 mg
EPP3760020	D-His-Protirelin	10	0.5 mg
EPP3800000	Proxyphylline	1	100 mg
EPP3850000	Pseudoephedrine hydrochloride Controlled Substance	1-2	100 mg
EPP3900000	Purpureaglycoside A	2	25 mg
EPP4000000	Purpureaglycoside B	2	25 mg
EPP4050000	Pyrazinamide	1	30 mg
EPP4099900	Pyridostigmine bromide	1-10	50 mg
EPP4099910	Pyridostigmine impurity A pyridin-3-yl-dimethylcarbamate	10	20 mg
EPP4100000	Pyridoxine hydrochloride	1-2-9	100 mg
EPP4200000	Pyrimethamine	1-2-9	250 mg
EPQ0100000	Quinidine sulphate	2-10	300 mg
EPQ0200000	Quinine sulphate	2-10	300 mg
*EPR0100000	Rabies vaccine (inactivated) for veterinary use BRP <i>Store at -20°C Cool pack</i>	18	3 x 86 mg
EPR0145000	Ramipril	1	50 mg
EPR0145005	Ramipril impurity A (2S,3aS,6aS)-1-[(S)-2-[[[(S)-1-(methoxycarbonyl)-3-phenylpropyl]amino]propanol]octahydrocyclopenta[b]pyrrole-2-carboxylic acid (ramipril methylester)	10	10 mg
EPR0145010	Ramipril impurity B (2S,3aS,6aS)-1-[(S)-2-[[[(S)-1-[(methylethoxy)carbonyl]-3-phenylpropyl]amino]propanoyl]octahydrocyclopenta[b]pyrrole-2-carboxylic acid(ramipril isopropyl ester)	10	10 mg
EPR0145015	Ramipril Impurity C (2S,3aS,6aS)-1-[(S)-2-[[[(S)-1-(ethoxycarbonyl)-3-cyclohexylpropyl]amino]propanoyl]octahydrocyclopenta[b]pyrrole-2-carboxylic acid (hexahydroramipril)	10	10 mg

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Code	Product	Use	Unit
EPR0145020	Ramipril impurity D ethyl (2S)-2-[(3S,5aS,8aS,9aS)-3-methyl- 1,4-dioxodecahydro-1H-cyclopenta[e] pyrrolo[1,2a]pyrazin-2-yl]-4-phenylbutanoate (ramiprildiketopiperazine)	10	10 mg
EPR0150000	Ranitidine hydrochloride	1-2-9	100 mg
EPR0150100	Ranitidine impurity A N,N'-bis[2-[[[5-[(dimethylamino)methyl]furan-2-yl]methyl]thio]ethyl]-2-nitroethene-1,1-diamine	9	50 mg
EPR0150200	Ranitidine impurity B [[5-[(2-aminoethyl)thio]methyl]furan-2-yl]methyl]dimethyl amine	9 1-14	10 mg 100 mg
EPR0200000	Reserpine	13	1500 mg
EPR0250000	Residual solvents solution class I	2	100 mg
EPR0290000	Retinol esters	2-14-15	1000 mg
EPR0300000	Retinyl acetate	7	250 mg
EPR0500500	Reviparin sodium	1-10	125 mg
EPR0600000	Riboflavine	10	250 mg
EPR0630000	Riboflavine sodium phosphate	1-15	150 mg
EPY0000149	Rifabutin	9	20 mg
EPY0000184	Rifabutin impurity A (N-(2-methylpropyl)-4-piperidone)	1	500 mg
EPR0700000	Rifampicin	10	200 mg
EPR0800000	Rifampicin quinone	10	50 mg
EPR0900000	Rifamycin B	10	50 mg
EPR0950000	Rifamycin S	17	150 mg
EPR1000000	Rifamycin sodium		unit
EPY0000250	Rilmidenidine dihydrogenphosphate Reference Spectrum	10	30 mg
EPY0000187	Rilmidenidine for system suitability	1-10	100 mg
EPR1000600	Risperidone	18	2 x 1 ml
*EPR1300000	RK 13 cell lines (kidney,rabbit)titration of live measles, mumps and rubella vaccines	1-4-10-15	125 mg
EPR1500000	Roxithromycin	10	5 mg
EPY0000220	Roxithromycin for system suitability	18	5 x 18 mg
*EPR2000000	Rubella vaccine (live) BRP <i>Store at -80°C Dry Ice</i>	1-10	100 mg
EPY0000105	Rutoside trihydrate	1	30 mg
EPS0040000	Saccharin	1	50 mg
EPS0050000	Saccharin sodium	1-2-10	10 mg
EPS0100000	Salbutamol	10	5 mg
EPY0000030	Salbutamol impurity B (1RS)-2-[(1,1-dimethylethyl)amino]-1-(4-hydroxyphenyl)ethanol	10	10 mg
EPY0000071	Salbutamol Impurity D (1RS)-2-[(1,1-dimethylethyl)amino]-1-hydroxyethyl]-2-hydroxybenzaldehyde	10	5 mg
EPY0000031	Salbutamol impurity F 1,1'[[oxybis[methylene(4-hydroxy-1,3-phenylene)]]bis[2-[(1,1-dimethylethyl)amino]ethanol]	10	5 mg
EPY0000034	Salbutamol impurity G 2-[benzyl(1,1-dimethylethyl)amino]-1-[4-hydroxy-3-(hydroxymethyl)phenyl]ethanone	10	10 mg
EPY0000032	Salbutamol impurity I (1RS)-2-[(1,1-dimethylethyl)amino]-1-[3-(hydroxymethyl)-4-benzoyloxyphenyl]ethanol	1-2-10	50 mg
EPS0150000	Salbutamol sulphate	1-9	100 mg
EPS0200000	Salicylic acid	1-10	50 mg
EPB0680000	Selegeline hydrochloride		

Code	Product	Use	Unit
EPS0360090	(RS)-Selegiline hydrochloride	1-10	25 mg
EPS0400000	Senna extract	2	50 mg
EPS0450000	Serine	1-2-9	50 mg
EPS0460000	Sertaconazole nitrate	1-2-10	125 mg
EPS0500000	Silicone elastomer	1	2000 mg
EPS0600000	Silicone oil	1	1 ml
EPS0650000	Simvastatin <i>Store at -20°C Cool pack</i>	1-10-15	100 mg
EPS0660000	Sisomycin sulphate	10	125 mg
EPY0000014	Sodium alendronate	1-10-15	150 mg
EPS0695000	Sodium amidotrizoate	1-2-9	125 mg
EPY0000039	Sodium ascorbate	1	50 mg
EPS0700000	Sodium calcium edetate	1	100 mg
EPS0710000	Sodium cetostearylsulphate	2	100 mg
EPS0750000	Sodium cromoglicate	1	100 mg
EPS0760000	Sodium cyclamate	1-2-9	100 mg
EPS0765000	Sodium diclofenac	1-2-10	200 mg
*EPS0780000	Sodium hyaluronate BRP	3A-20A	300 mg
EPS0781000	Sodium hyaluronate Reference Spectrum		unit
EPS0785000	Sodium picosulphate	1-2-9	100 mg
EPY0000210	Sodium polystyrene sulphonate Reference Spectrum		unit
EPY0000268	Sodium propionate Reference Spectrum		unit
EPS0800000	Sodium salicylate	1	100 mg
EPS0808000	Sodium stearyl fumarate	1-13	50 mg
EPS0808060	Sodium stearyl maleate	13	10 mg
*EPS0900000	Sodium taurocholate BRP	20A	25000 mg
EPS0930000	Sodium valproate	1-6-13	150 mg
*EPS0945000	Somatostatin <i>Store at -20°C Cool pack</i>	2-15	2.55 mg
*EPS0947000	Somatropin <i>Store at -80°C Cool pack</i>	4-4A-5-5A-10-15A	2.2 mg
EPS0950000	Sorbic acid	1	100 mg
EPS1000000	Sorbitol	1-2-9-13-15	1.2 g
EPY0000114	Sotalol hydrochloride	1	25 mg
EPY0000115	Sotalol impurity B (N-[4-[[1-methylethyl]amino]acetyl]phenyl]methanesulphonamide)	10	20 mg
EPS1050000	Specific surface area Reference Powder	21	8000 mg
EPS1057000	Spectinomycin hydrochloride	1-16	75 mg
EPS1100000	Spiramycin	2-9-17	200 mg
EPS1200000	Spironolactone	1-2	100 mg
EPY0000185	Squalane	1-16	250 µL
EPS1250000	Stanozolol	1-2-9	125 mg
EPS1250010	Stanozolol impurity A (5,17)-17-hydroxy-17-methylandrostan-3-one	9	10 mg
EPS1300000	Starch BRP	20	100000 mg
EPS1340000	Stearic acid (Plastic additive 19)	6-9-16	100 mg
EPS1350000	Stearyl alcohol	2-6-16	250 mg
EPS1400000	Streptomycin sulphate	2-8A-17	vial
EPS1500000	Succinylsulfathiazole	1	100 mg
EPS1600000	Sucrose	1-2	100 mg
EPS1609000	Sufentanil citrate Reference Spectrum		unit
EPS1608100	Sufentanil Reference Spectrum		unit
EPS1700000	Sulfacetamide sodium	1	50 mg
EPS1800000	Sulfadiazine	1-2-9	100 mg
EPS1900000	Sulfadimidine	1-2-9	100 mg
EPS1950000	Sulfadoxine	1-2-9	100 mg
EPS1975000	Sulfafurazole	1-2-9	100 mg

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Code	Product	Use	Unit
EPS1975600	Sulfaguanidine	1-2	60 mg
EPS2000000	Sulfamerazine	1-2-9	100 mg
EPS2050000	Sulfamethizole	1-2-9	100 mg
EPS2100000	Sulfamethoxazole	1-2-9	50 mg
EPS2150000	Sulfamethoxypyridazine	1-2-9	50 mg
EPS2151000	Sulfanilamide	1-2	100 mg
EPS2159100	Sulfapyridine	10	20 mg
EPS2155000	Sulfasalazine	1	100 mg
EPS2155010	Sulfasalazine derivative for resolution 2-hydroxy-5-[[4-[(6-methylpyridin-2-yl)amino]- sulfonyl]phenyl]azo]benzoic acid	10	20 mg
EPS2158000	Sulfathiazole	1-2-9	100 mg
EPS2159000	Sulfinpyrazone	1	30 mg
EPS2159010	Sulfinpyrazone impurity A 1,2-diphenyl-4-(2-phenylsulphonyl)ethyl pyrazolidine-3,5-dione	9	20 mg
EPS2159015	Sulfinpyrazone impurity B 1,2-diphenyl-4-(2-phenylthioethyl)pyrazolidine-3,5-dione	9	20 mg
EPS2160000	Sulfisomidine	1-2-9	50 mg
EPS2180000	Sulindac	1-2-10	50 mg
EPS2190000	Sulpiride	1-2-9-10	100 mg
EPS2191000	Sulpiride impurity A 2-aminomethyl-1-ethylpyrrolidine	9	20 mg
EPS2192000	Sulpiride impurity B methyl 5-sulphamoyl-2-methoxybenzoate	10	30 mg
EPY0000027	Sumatriptan for system suitability	10	10 mg
EPY0000023	Sumatriptan impurity A [3-[2-(dimethylamino)ethyl]-2-[[3-[2-(dimethylamino)ethyl]-1H-indol- 5-yl]methyl]-1H-indol-5-yl]-N-methylmethane-sulphonamide	10	5 mg
EPY0000025	Sumatriptan impurity C R1=CH ₂ -OH, R2=CH ₃ : [3-[2-(dimethylamino)ethyl]-1- (hydroxymethyl)-1H-indol-5-yl]-N-methylmethanesulphonamide	10	5 mg
EPY0000024	Sumatriptan impurity D [3-[2-(dimethylamino N-oxide)ethyl]-1H-indol-5-yl]-N- methylmethanesulphonamide	10	5 mg
EPY0000026	Sumatriptan impurity mixture	10	30 mg
EPY0000022	Sumatriptan succinate (store at +4°C)	1-15	50 mg
EPS2200000	Suxamethonium chloride	1-9	1000 mg
EPS2400000	Suxibuzone	1	50 mg
EPS2400004	Suxibuzone impurity B (4-butyl-3,5-dioxo-1,2-diphenylpyrazolidin-4-yl)methyl ethyl butanedioate	10	10 mg
EPS2400006	Suxibuzone impurity C 4-butyl-4-(hydroxymethyl)-1,2-diphenyl-1,2-dihydro-4H-pyrazole-3,5-dione	10	10 mg
*EPS5000001	Swine erysipelas bacteria, serotyp 1 BRP	18	1 mg
*EPS5000002	Swine erysipelas bacteria, serotyp 2 BRP	18	1 mg
EPT0010000	Talampicillin hydrochloride	2	50 mg
EPT0014000	Tamoxifen citrate	1-2	80 mg
EPT0015000	Tamoxifen citrate for performance test	10	50 mg
EPT0040000	Temazepam Controlled Substance	1-2	50 mg
EPT0040800	Tenoxicam	1-9	100 mg
EPT0050015	Terbutaline impurity C 1-(3,5-dihydroxyphenyl)-2-[(1,1-dimethylethyl)amino]-ethanone	10	20 mg
EPT0050000	Terbutaline sulphate	1-10	100 mg
EPT0060000	Terconazole	1-2-10	250 mg

Code	Product	Use	Unit
EPT0071000	Terfenadine	1-2	100 mg
EPT0080000	Terfenadine impurity A	10	30 mg
	1-[4-(1,1-dimethylethyl)phenyl]-4-[4-(hydroxydiphenylmethyl)piperidin-1-yl]butan-1-one (ketone)		
EPT0100000	Testosterone	1-2-9	250 mg
EPT0200000	Testosterone acetate	2-9	50 mg
EPT0210000	Testosterone caproate	10	50 mg
EPT0240000	Testosterone decanoate	2	25 mg
EPT0250000	Testosterone enantate	1-2	100 mg
EPT0100005	Testosterone impurity A	9	50 mg
	androst-4-ene-3,17-dione (androstenedione)		
EPT0260000	Testosterone isocaproate	2	25 mg
EPT0300000	Testosterone propionate	1-2-9-10	250 mg
EPY0000170	Testosterone propionate - Reference Spectrum		unit
*EPT0400000	Tetanus vaccine (adsorbed) <i>Store at -20°C Cool pack</i>	18	11 mg
EPT0499000	1,3,4,6-Tetra-O-acetyl-2-O-trifluoromethane-sulphonyl-β		unit
	Reference Spectrum		
EPT0500000	Tetracaine hydrochloride	1	100 mg
EPT0550000	Tetracosactide <i>Store at -20°C Cool pack</i>	2-5-10	0.365 mg
EPT0600000	Tetracycline hydrochloride	2-10-15	150 mg
EPY0000008	Tetrazepam impurity C	10	20 mg
	7-chloro-5-cyclohexyl-1-methyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one		
EPY0000015	Tetrazepam Reference Spectrum		unit
EPT0700000	Theobromine	1-9	100 mg
EPT0800000	Theophylline	1-9	100 mg
EPY0000294	Theophylline Reference Spectrum		unit
EPY0000107	Thiamine hydrochloride Reference Spectrum		unit
EPY0000059	Thiamine impurity E	10	20 mg
	3-[(4-amino-2-methylpyrimidin-5-yl)methyl]-5-(2-hydroxyethyl)-4-methyl-4-thiazolidine-2-thione		
EPT1000000	Thiamine nitrate	1	100 mg
EPY0000060	Thiamine nitrate Reference Spectrum		unit
EPT1100000	Thiamphenicol	1-2	125 mg
EPY0000109	Thiomersal	1	30 mg
EPT1200000	Thiopental	1-2-3	500 mg
EPY0000150	Thioridazine Reference Spectrum		unit
EPT1300000	Thioridazine hydrochloride	1	100 mg
EPT1305100	Thioxanthene	9	20 mg
EPT1305000	Thioxanthone	9	10 mg
EPT1340000	Threonine	1-2-9	50 mg
EPT1350000	Thymol	1	50 mg
EPT1410000	Tiabendazole	1-2-9	50 mg
EPY0000152	Tianeptine for system suitability	10	30 mg
EPY0000151	Tianeptine sodium Reference Spectrum		unit
EPT1405000	Tiapride hydrochloride	1-9-10	60 mg
EPT1405050	Tiapride N-oxide	10	20 mg
EPT1410900	Tiaprofenic acid	1-2	50 mg
EPT1410910	Tiaprofenic impurity C	9	20 mg
	(RS)-2-(5-benzoyl-3-thienyl)propanoic acid		
EPT1420010	Ticarcillin impurity A	10	50 mg
	(2S,5R,6R)-3,3-dimethyl-7-oxo-6-[[[(thiophen-3-yl)acetyl]-amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid (decarboxyticarcillin)		
EPT1420000	Ticarcillin sodium	1-2-15	1000 mg

European Pharmacopoeia



Code	Product	Use	Unit
EPT1423000	Ticlopidine hydrochloride	1	50 mg
EPT1423025	Ticlopidine impurity F 6-(2-chlorobenzyl)4,5,6,7-tetrahydrothieno [3,2-c]pyridine	10	25 mg
EPT1450000	Timolol maleate	1-2-10	50 mg
EPY0000006	(R)-Timolo maleate	22	20 mg
EPT1470000	Tinidazole	1-2-9	100 mg
EPT1471000	Tinidazole impurity B 1-(2-ethylsulphonylethyl)-2-methyl-4-nitroimidazole	9	30 mg
*EPT1490000	Tinzaparin sodium	7	250 mg
EPY0000292	Tioconazole Reference Spectrum		unit
EPY0000282	Tioconazole for system suitability	10	50 mg
EPT1500000	Tobramycin	2-7-15	250 mg
EPT1550000	alpha-Tocopherol	1-2-16	250 mg
EPT1600000	alpha-Tocopheryl acetate	1-2-16	250 mg
EPT1610000	RRR-alpha-Tocopheryl hydrogen succinate	1-2-16	125 mg
EPT1700000	Tolbutamide	1	100 mg
EPY0000154	Tolfenamic acid	1-2	100 mg
EPT1707000	Tolnaftate	1-2-9	60 mg
EPY0000155	Tramadol hydrochloride	1-2	75 mg
EPY0000156	Tramadol impurity A (1RS,2SR)-2-[(dimehtylamino)methyl]-1-(3-methoxyphenyl)- cyclohexanol	9-10	15 mg
EPY0000157	Tramadol impurity E (2RS)-2-[(dimethylamino)methyl]cyclohexanone	9	15 mg
EPY0000072	Tramazoline hydrochloride monohydrate	1	20 mg
EPY0000065	Tramazoline impurity A N-(naphthalen-1-yl)4,5-dihydro-1H-imidazol-2-amine	10	10 mg
EPY0000066	Tramazoline impurity B mixture of: 1-acetyl-2-[(5,6,7,8-tetrahydronaphthalen-1-yl)amino]- 4,5-dihydro-1H-imidazole and N-(4,5-dihydro-1H-imidazol-2-yl)-N- (5,6,7,8-tetrahydronaphthalen-1-yl)acetamide	10	10 mg
EPT1810000	Tranexamic acid	1	50 mg
EPT1810030	Tranexamic acid impurity C (4-(aminomethyl)cyclohex-1-enecarboxylic acid)	10	20 mg
EPT1820000	Trapidil	1	50 mg
EPT1820002	Trapidil impurity A 5-methyl-[1,2,4]triazolo[1,5-a]pyrimidin-7-ol	10	20 mg
EPT1820004	Trapidil impurity B 1,2,4-triazol-3-amine	10	20 mg
EPT1850000	Tretinoin	1-2-10-15	100 mg
EPT1899000	3,4,6-Tri-O-acetyl-Dglucal Reference Spectrum		unit
EPY0000111	Trichloroacetic acid Reference Spectrum	1-2-10	150 mg
EPT1899990	Triamcinolone	1-2-10	100 mg
EPT1900000	Triamcinolone acetonide	1-2-10	100 mg
EPT1950000	Triamcinolone hexacetonide	10	10 mg
EPY0000050	Triamcinolone impurity C 9-fluoro-11β-16alpha,17,21-tetrahydroxypregn-4-ene-3,20-dione (pretriamcinolone)		
EPT1975000	Triazolam Controlled Substance	10	10 mg
EPY0000165	Tribenoside	1-10-15	150 mg
EPY0000166	Tribenpsode impurity A 3,5,6-tri-O-benzyl-1,2-O-(1-methylethylidene)-α-D-glucofuranose	10	30 mg
EPY0000279	Tri-n-butyl phosphate	13	300 μl
EPT1977990	Tricaprin <i>Store at -20°C Cool pack</i>	13	150 mg

Code	Product	Use	Unit
EPT1977995	Tricaproin <i>Store at -20°C Cool pack</i>	13	40 mg
EPT1978000	Tricaprylin <i>Store at -20°C Cool pack</i>	13	225 mg
EPT1985000	Trichlorotrifluoroethane	13	2x2.5ml
EPT1986000	Triethyl citrate Reference Spectrum		unit
EPT2000000	Trifluoperazine hydrochloride	2	100 mg
EPT2005000	Triflusal	1	50 mg
EPT2005005	Triflusal impurity A	10	5 mg
	2-(acetyloxy)benzene-1,4-dicarboxylic acid;(2-acetoxyterephthalic acid)		
EPT2005010	Triflusal impurity B	8A	25 mg
	2-hydroxy-4-(trifluoromethyl)benzoic acid; (4-(trifluoromethyl)salicylic acid)		
EPY0000108	Trihexyphenidyl hydrochloride	1-2	100 mg
EPY0000068	Trihexyphenidyl impurity A	10	20 mg
	1-phenyl-3-(piperidin-1-yl)propan-1-one		
EPT2009000	Trilaurin <i>Store at -20°C Cool pack</i>	13	1250 mg
EPY0000092	Trimetazidine dihydrochloride Reference Spectrum		unit
EPY0000093	Trimetazidine for system suitability	1	50 mg
EPT2100000	Trimethadione	1-16	250 mg
EPT2200000	Trimethoprim	1-10	50 mg
EPT2200010	Trimethoprim impurity B	10	20 mg
	(2,4-diaminopyrimidin-5-yl)(3,4,5- trimethoxyphenyl)methanone		
EPT2200025	Trimethoprim impurity E	10	20 mg
	4-amino-5-(3,4,5-trimethoxybenzyl) pyrimidin-2-ol		
EPT2300000	Trimethylguanidine sulphate	9	100 mg
EPT2450000	Trimethyltetradecylammonium bromide	2	200 mg
EPT2500000	Trimipramine maleate	1-2-9	100 mg
EPT2500100	Trimyristin <i>Store at -20°C Cool pack</i>	13	500 mg
EPT2501200	Tristearin <i>Store at -20°C Cool pack</i>	13	100 mg
EPT2545000	Trolamine	13	1 ml
EPT2550000	Trometamol	1-2-9	100 mg
EPT2580000	Tropicamide	1-2-9	50 mg
EPT2580300	Tropine	9	50 mg
*EPT2600000	Trypsin BRP	8A-20A	100 mg
EPT2610000	Tryptophan	1-2-9	100 mg
EPT2800000	Tubocurarine chloride	1-14	100 mg
EPT2880200	Tylosin tartrate Reference Spectrum		unit
EPT2880100	Tylosine D	10	10 mg
EPT2880000	Tylosine store at + 4° C	10-17	150 mg
EPT2900000	Tyrosine	1-2-9	50 mg
EPT3000000	Tyrothricin	2	10 mg
EPU0020000	Ubidecarenone	1-4	50 mg
EPU0020001	Ubidecarenone for system suitability	10	10 mg
EPU0020008	Ubidecarenone impurity D	10	5 mg
	5,6-dimethoxy-3-methyl-2-[(all-E)-3,7,11,15,19,23,27,31,35- nonamethylhexatriaconta-2,6,10,14,18,22,26,30,34- nonaenyl]benzene-1,4-dione(ubiquinone-9)		
EPU0020001	Ubidecarenone for system suitability	10	10 mg
EPU0100000	Uracil arabinoside	9	30 mg
EPU0600000	Urea	1	100 mg
EPU0800000	Ursodeoxycholic acid	1-2-9	60 mg
EPV0030000	Valine	1-2-9	50 mg
EPV0033000	Valproic acid	1-2	100 mg
EPV0045000	Vancomycin hydrochloride	4-10-17	100 mg
EPV0050000	Vanillin	1-2-9	100 mg
EPV0100000	Verapamil hydrochloride	1-2-10	100 mg

European Pharmacopoeia



Code	Product	Use	Unit
EPV0100018	Verapamil impurity I (2RS)-2-(3,4-dimethoxyphenyl)-2-[2-[[2-(3,4)-dimethoxyphenyl]-ethyl](methyl)amino]ethyl]3-methylbutanenitrile	10	20 mg
EPV0100026	Verapamil impurity M 5,5'-[[2-(3,4)-dimethoxyphenyl]ethyl]imino]bis[2-(3,4)-dimethoxyphenyl]-2-(1-methylethyl)pentanenitrile	10	20 mg
*EPV0180000	VERO Cell lines (kidney, african green monkey, Cercopithecus aethiops) titration of live measles, mumps and rubella vaccines	18	1 ml
EPV0305000	Vinblastine sulphate Reference Spectrum		unit
EPV0300000	Vinblastine sulphate <i>Store at -20°C Cool pack</i>	4-10-15	5 mg
EPV0405000	Vincristine sulphate Reference Spectrum		unit
EPV0400000	Vincristine sulphate <i>Store at -20°C Cool pack</i>	4	4.98 mg
EPV0500010	Vindesine sulphate Reference Spectrum		unit
EPV0500000	Vindesine sulphate <i>Store at -20°C Cool pack</i>	15	5 mg
EPY0000159	Warfarin sodium	1-2-9	100 mg
EPX0075000	Xylazine hydrochloride	1-2	125 mg
EPY0000158	Xylazine impurity C 2,6-dimethylphenyl isothiocyanate	10	50 mg
EPY0000159	Xylazine impurity E N-(2,6-dimethylphenyl)-S-methyldithiourea	10	50 mg
EPX0080000	Xylitol	1-2-13-16	500 mg
EPX0100000	Xylometazoline hydrochloride	1-2-9	100 mg
EPX0101000	Xylometazoline impurity A N-(2-aminoethyl)-2-(4,1,1-dimethylethyl)-2,6-dimethylphenylacetamide	9	20 mg
EPX0200000	Xylose	1-2	100 mg
EPZ1900000	Zidovudine	1-10-15	60 mg
EPZ1902000	Zidovudine impurity A 1-[(2R,5S)-5-hydroxymethyl-2,5-dihydro-2-furyl]-5-methylpyrimidine-2,4(1H,3H)-dione	9	20 mg
EPZ1904000	Zidovudine impurity B 1-(3-chloro-2,3-dideoxy-β-D-ribofuranosyl)-5-methylpyrimidine-2,4(1H,3H)-dione	10-15	10 mg
EPZ2000000	Zinc acexamate	1	50 mg
EPZ2000010	Zinc acexamate impurity A 6-[[6-(acetylamino)hexanoyl]amino] hexanoic acid	10	50 mg
EPZ2500010	Zolpidem impurity A N,N'-dimethyl-2-[7-methyl-2-(4-methylphenyl)imidazol[1,2-a]pyridin-3-yl]acetamide	10	10 mg
EPZ2500000	Zolpidem tartrate Controlled Substance	1-2	150 mg
EPZ3000000	Zopiclone Controlled Substance	1-2	60 mg
EPZ3001000	Zopiclone oxide	10	20 mg
EPY0000062	Zuclopenthixol decanoate Reference Spectrum		unit
EPY0000082	Zuclopenthixol impurity A 2-[4-[3-[(E)-2-chloro-9H-thioxanthen-9-ylidene]propyl]piperazin-1-yl]ethyldecanoate	9-10	10 mg
EPY0000083	Zuclopenthixol impurity B 2-chloro-9H-thioxanthen-9-one	9	10 mg
EPY0000084	Zuclopenthixol impurity C 2-[4-[3-[(Z)-2-chloro-9H-thioxanthen-9-ylidene]propyl]piperazin-1-yl]ethanol	9-10	10 mg



International Commission on Pharmaceutical Enzymes

Newtonian liquids with a certified viscosity are supplied by Van Swinden Laboratories BV and are distributed by R.T. Corporation.

Liquids are available with kinematic viscosities up to 80,000 mm²·s⁻¹ and certified at temperatures between 10°C and 140°C.

Viscosities are certified in mm²·s⁻¹ (kinematic viscosity, ν) or in mPa·s (dynamic viscosity, m)
 $m = \nu \times \text{density}$.

1 mPa·s = 1 cps (centipoise) 1 mm²·s⁻¹ = 1 cst (centistoke)

Standard liquids are available from stock, in 250 ml packs and certified at 20°C to following viscosities:

$\nu = 0,6 ; 2,2 ; 4,9 ; 9,4 ; 17,9 ; 32,5 ; 56,8 ; 66,6 ; 85,0 ; 104,3 ; 130,3 ; 166,6 ; 216,5 ; 271,8 ; 338,8 ; 423,0 ; 536,6 ; 653,3 ; 782,1 ; 1004 ; 1311 ; 1852 ; 3630 ; 5075 ; 10330 ; 18430 ; 46470$

$m = 0,4 ; 1,7 ; 4,1 ; 8,1 ; 15,7 ; 28,2 ; 48,9 ; 57,6 ; 73,9 ; 90,7 ; 113,9 ; 146,3 ; 190,7 ; 239,6 ; 299,7 ; 375,2 ; 474,1 ; 581,8 ; 698,7 ; 865,5 ; 1131 ; 1602 ; 3160 ; 4430 ; 9070 ; 16270 ; 41290$

All viscosities are calibrated relative to the viscosity of pure water. Stated values are nominal values, certified values will not deviate more than 10% from the nominal value.

The uncertainty of the certified viscosities is at least 0.2% at the lowest viscosity, increasing up to 1.1% at 80,000 mm²·s⁻¹.

Shelf life

Standards up to 500 mPa·s are mineral oil based, and have a shelf life of 12 months from date of certification. Above 500 mPa·s Polyisobutylene is used, these materials have a shorter shelf life, and should be ordered as needed.

Liquids can be prepared and certified to any viscosity between 0.6 mm²·s⁻¹ and 80,000 mm²·s⁻¹.

The price depends on the viscosity required, the degree of precision between nominal viscosity required and certified viscosity achieved, and temperature of certification.

Additional charges are applied for extra certification temperatures and for certification of dynamic viscosity. Please ask for a quotation.

Liquids supplied by customers may be certified for viscosity, charges vary: please ask for a quotation.

The Commission on Pharmaceutical Enzymes was formed in 1960, with a remit to establish quantitative methods and an exact definition of enzyme activity for pharmacologically significant enzymes.

One consequence of the work of FIP "Federation Internationale Pharmaceutique" has been the production and certification of reference substances for both enzymes and substrates.

More recently the work of the Commission has been reflected in those monographs of the European Pharmacopoeia which call for enzyme standards. The FIP products marked (EP) in this list are those which are required in certain EP monographs.

Code	Product	Unit
FIP 1	Amylase (fungal)	2 g
FIP 2(EP)	Amylase (pancreatic)	2 g
FIP 3	Asp. Protease	2 g
FIP 4	Bromelain	250 mg
FIP 5	Cellulase	1 g
FIP 6(EP)	Chymotrypsin	100 mg
FIP 7	Lipase (fungal)	2 g
FIP 8(EP)	Lipase (pancreatic)	2 g
FIP 9	Lysozyme hydrochloride	250 mg
FIP 10	Papain	2 g
FIP 11(EP)	Pepsin	2 g
FIP 12(EP)	Protease (pancreatic)	2 g
FIP 13(EP)	Trypsin	100 mg
FIP 14(EP)	Enterokinase	500 mg
FIP 15(EP)	Hyaluronidase	50 mg
Substrates		
FIP 16	Micrococcus Luteus sp.	1 g
FIP 17(EP)	Amylum solubile	100 g
FIP 18(EP)	Casein	100 g
FIP 19	Haemoglobin	25 g
FIP 20	Hydroxyethylcellulose	100 g
FIP 21(EP)	Sodium taurocholate	25 g
FIP 22(EP)	Sodium hyaluronate	300 mg



British Pharmacopeia

British Pharmacopeia

Background

British Pharmacopoeia chemical reference substances (BPCRS) available from BP are issued under the authority of the British Pharmacopoeia Commission and are solely for use in tests and assays of the British Pharmacopoeia or the British Pharmacopoeia (Veterinary).

The list in this catalogue is current as of June 2003, and includes all available BPCRS needed to follow the current official monographs. Most BP monographs for active substances conform with the monographs issued by the European Pharmacopoeia, and so require the use of European Pharmacopoeia chemical reference substances. Details of these are to be found under the 'European Pharmacopoeia' section of this catalogue.

Production and certification

British Pharmacopoeia reference substances and preparations are selected and verified by the BP Laboratories as being suitable for the use as prescribed in the relevant monographs of the British Pharmacopoeia.

Documentation

BPCRS are of two types, normal CRS for identification purposes and Assay Standards. Assay Standards are provided with a documented assay value, determined by the BP Laboratories. The values are given in a booklet provided with the reference substance.

The BP laboratories do not make available any other BPCRS certificates of analysis or other information, in connection with the prescribed use of the BPCRS.

Controlled Substances

Controlled drugs are subject to import and export control restrictions. Please contact R.T. Corporation for details.

Shelf life and expiry dates

British Pharmacopoeia chemical reference substances are subject to regular inspection and repeat analysis by BP scientific staff. Each BPCRS is, on receipt by the customer, fit for the intended use. All BPCRS are supplied with at least three months shelf life.

BP supplies only current lots. For this reason users are advised to order only as required.

Code	Product	Unit
BP 001	Acepromazine maleate	50 mg
BP 681	4-Acetyl 2-fluorobiphenyl	25 mg
BP 438	Aciclovir Assay Standard	100 mg
BP 003	Adrenaline acid tartrate Assay Standard	100 mg
BP 436	Alexandrian senna fruit powder Assay Standard	1 g
BP 006	Alfadolone acetate Assay Standard	100 mg
BP 007	Alfaxalone Assay Standard	100 mg
BP 415	Alimemazine tarate Assay Standard	100 mg
BP 560	9-Allyl-2-chlorothioxanthen-9-ol	25 mg
BP 725	Alverine citrate	100 mg
BP 724	Alverine citrate impurity standard solution	1.0 mL
BP 530	Amantadine hydrochloride	200 mg
BP 008	Amiloride hydrochloride Assay Standard	100 mg
BP 010	4-Amino-6-chlorobenzene-1,3-disulphonamide	50 mg
BP 374	3-Amino-6-chloro-1-methyl-4-phenylquinolin-2-ol	50 mg
BP 012	2-Amino-4,6-Dichlorophenol hydrochloride	50 mg
BP 602	(E)-4-Amino-2-ethylidenebutyric acid hydrochloride	25 mg
BP 684	Aminoglutethimide Assay Standard	100 mg
BP 417	2-Amino-1-(4-nitrophenyl)propane-1,3-diol	50 mg
BP 601	3-Aminopent-4-ene-1,1-dicarboxylic acid	25 mg
BP 536	3-Amino-4-phenoxy-5-sulphamoylbenzoic acid	25 mg
BP 014	3-Amino-4-propoxybenzoic acid	50 mg
BP 532	Amiodarone hydrochloride Assay Standard	100 mg
BP 015	Amitraz Assay Standard	200 mg
BP 016	Amitriptyline hydrochloride Assay Standard	150 mg
BP 019	Amoxicillin trihydrate Assay Standard	500 mg
BP 021	Ampicillin trihydrate Assay Standard	500 mg
BP 022	Amprolium hydrochloride Assay Standard	100 mg
BP 546	Apramycin	250 mg
BP 694	Arginine hydrochloride Assay Standard	100 mg
BP 461	Ascorbic acid	50 mg
BP 617	Aspirin Assay Standard	100 mg
BP 492	Atenolol Assay Standard	100 mg
BP 370	Atenolol Impurity Standard	50 mg
BP 023	Atropine sulphate Assay Standard	200 mg
BP 366	1-(3-Azabicyclo[3.3.0]oct-3-yl)-3-o-tolylsulphonylurea	30 mg
BP 024	2-Azahypoxanthine	50 mg
BP 025	Azaperone Assay Standard	100 mg
BP 534	Azapropazone Assay Standard	100 mg
BP 515	Azapropazone impurity A	10 mg
BP 516	Azapropazone impurity B	10 mg
BP 517	Azapropazone impurity C	10 mg
BP 527	Azapropazone impurity Standard	50 mg
BP 028	Baclofen Assay Standard	150 mg
BP 030	Beclometasone dipropionate Assay Standard	100 mg
BP 432	Benethamine penicillin	50 mg
BP 685	Benserazide hydrochloride Assay Standard	100 mg
BP 036	Benzatropine mesilate Assay Standard	100 mg
BP 610	Benzydamine hydrochloride Assay Standard	100 mg
BP 426	Benzyl benzoate Assay Standard	0.1 ml
BP 611	1-Benzyl-3-(3-diethylamino-propoxy)-1H-indazole	50 mg
BP 037	(1S,2R)-1-Benzyl-3-dimethylamino-2-methyl-1-phenylpropyl acetate	50 mg
BP 609	1-Benzyl-1-H-indazol-3-ol	50 mg
BP 575	Betamethasone Assay Standard	100 mg
BP 041	Betamethasone sodium phosphate Assay Standard	100 mg

Code	Product	Unit
BP 042	Betamethasone valerate Assay Standard	100 mg
BP 043	Betamethasone 21-valerate	50 mg
BP 686	Betaxolol hydrochloride Assay Standard	100 mg
BP 046	2-(Biphenyl-4-yl)propionic acid	25 mg
BP 612	Bretylium tosilate Assay Standard	200 mg
BP 613	2-Bromobenzyldimethylamine hydrochloride	25 mg
BP 050	Bromocriptine mesilate Assay Standard	100 mg
BP 440	Bucizine hydrochloride impurity standard	100 mg
BP 537	Bumetanide Assay Standard	100 mg
BP 479	Bupivacaine hydrochloride Assay Standard	100 mg
BP 403	Busulfan Assay Standard	25 mg
BP 192	2-tert-Butylamino-1-(4-hydroxy-3-methyl-phenyl)ethanol sulphate	25 mg
BP 531	2-Butyl-3-(4-hydroxy-3,5-di-iodobenzoyl) benzofuran	25 mg
BP 355	Calcitonin (salmon) Assay Standard	ca. 10 µg
BP 059	Capreomycin sulphate	50 mg
BP 538	Captopril Assay Standard	100 mg
BP 500	Captopril disulphide	25 mg
BP 477	2-Carbamoyl-1-methyl-3-[2-(5-methylimi-dazol-4-yl methylthio)ethyl]guanidine dihydrochloride	25 mg
BP 523	Carbaryl Assay Standard	100 mg
BP 060	Carbidopa Assay Standard	100 mg
BP 711	Carboplatin Assay Standard	100 mg
BP 567	Carteolol hydrochloride Assay Standard	100 mg
BP 562	Cefalonium Assay Standard	100 mg
BP 502	Cefuroxime axetil Assay Standard	100 mg
BP 064	Chlorambucil Assay Standard	100 mg
BP 067	Chlorcyclizine hydrochloride	100 mg
BP 068	Chlorhexidine acetate Assay Standard	100 mg
BP 441	1,4-bis(4-Chlorobenzoyl) piperazine	25 mg
BP 604	4-Chlorobenzylphthalazinone	25 mg
BP 376	6-Chloro-4-(2-chlorophenyl)quinazoline-2-carboxaldehyde	50 mg
BP 442	6-Chloro-1,4-dihydro-1-methyl-4-phenylquinazolin-4-ol	25 mg
BP 470	7-chloro-1,5-dihydro-5-phenyl-1,5-benzo-diazepine-2,4(3H)-dione	25 mg
BP 049	17β, 17'β-bis{3-[bis-(2-Chloroethyl)carbamoyloxy]estra-1,3,5,(10)-trienyl}pyrophosphate	25 mg
BP 446	5-(2-Chloroethyl)-4-methyl-3-[2-(4-methylthiazol-5-yl)ethyl] thiazolium chloride	25 mg
BP 071	4-[2-(5-Chloro-2-methoxybenzamido)ethyl]benzenesulphonamide	50 mg
BP 378	5-Chloro-2-methylaminobenzophenone	50 mg
BP 074	4-Chloro-5-sulphamoylanthranilic acid	25 mg
BP 559	2-Chlorothioxanthone	25 mg
BP 077	2-(6-Chlorothymoxy)ethyldimethylamine hydrochloride	25 mg
BP 079	2-Chlorotritanol	25 mg
BP 080	Chloroxylenol Assay Standard	500 mg
BP 081	Chlorphenamine maleate Assay Standard	100 mg
BP 467	Chlorpromazine sulphoxide	50 mg
BP 491	Chlortalidone Assay Standard	100 mg
BP 618	Cholic Acid Assay Standard	100 mg
BP 475	Cimetidine Assay Standard	100 mg
BP 525	Clemastine fumarate Assay Standard	200 mg
BP 084	Clioquinol Assay Standard	200 mg
BP 507	Clobazam Assay Standard Controlled Substance	100 mg
BP 522	Clobetasol impurity A	25 mg
BP 521	Clobetasol propionate Assay Standard	100 mg
BP 482	Clobetasone butyrate Assay Standard	100 mg

Code	Product	Unit
BP 406	Clocortolone hexanoate	100 mg
BP 663	Clofazimine	100 mg
BP 543	Clomethiazole edisilate Assay Standard	100 mg
BP 085	Clonidine hydrochloride Assay Standard	100 mg
BP 565	trans-Clopentixol acetate dihydrochloride	50 mg
BP 566	trans-Clopentixol decanoate dihydrochloride	25 mg
BP 561	trans-Clopentixol hydrochloride	25 mg
BP 628	Cloprostenol sodium Assay Standard	20 mg
BP 379	Clotrimazole Assay Standard	50 mg
BP 088	Cloxacillin benzathine Assay Standard	250 mg
BP 715	Cocaine hydrochloride Controlled Substance	100 mg
BP 514	Codeine hydrochloride Assay Standard Controlled Substance	100 mg
BP 090	Codeine phosphate Assay Standard Controlled Substance	200 mg
BP 091	Co-dergocrine mesilate Assay Standard	50 mg
BP 614	Colestipol hydrochloride	50 mg
BP 551	Colestyramine Assay Standard	500 mg
BP 585	Cortisone acetate Assay Standard	100 mg
BP 094	Crotamiton Assay Standard	100 mg
BP 466	Cyanocobalamin Assay Standard	100 mg
BP 478	2-Cyano-1-methyl-3-[2-(5-methylimidazol-4-yl-methylsulphonyl)ethyl] guanidine	25 mg
BP 096	Cyclizine hydrochloride Assay Standard	100 mg
BP 098	Cyclopenthiazine	100 mg
BP 380	Cyclopentolate hydrochloride Assay Standard	100 mg
BP 688	Cyproterone acetate Assay Standard	100 mg
BP 383	Cytarabine Assay Standard	100 mg
BP 100	Dacarbazine	25 mg
BP 428	Dantron	50 mg
BP 429	Dantron Impurity Standard	100 mg
BP 102	Dapsone Assay Standard	100 mg
BP 103	Debrisoquine sulphate Assay Standard	100 mg
BP 104	Decoquinat	50 mg
BP 572	Deltamedrane	25 mg
BP 631	Deltamethrin Assay Standard	100 mg
BP 632	Deltamethrin impurity standard	100 mg
BP 504	Desacetylmetipranolol	25 mg
BP 730	N-Desalkylflurazepam	25 mg
BP 689	Desmethyl benzatropine hydrochloride	50 mg
BP 568	Desogestrel Assay Standard	100 mg
BP 594	Desogestrel delta3-isomer	25 mg
BP 578	Dexamethasone Assay Standard	100 mg
BP 108	Dexamethasone sodium phosphate	50 mg
BP 646	Dexamethasone phosphate	100 mg
BP 465	Dextropropoxyphene hydrochloride Assay Standard Controlled Substance	100 mg
BP 549	Diacetylfluorescein Assay Standard	200 mg
BP 111	Diazepam Controlled Substance	100 mg
BP 114	Dibenzo[b,e]thiepin-11(6H)-one	25 mg
BP 124	3-(Dibenzo[b,e]thiepin-11(6H)-ylidene)-N,N-dimethylamino propan-1-amine-S-oxide hydrochloride	25 mg
BP 608	3-(1,5-Dibenzyl-1H-indazole-3-yl)oxypropyldimethylamine hydrochloride	25 mg
BP 116	Dichlorophen Assay Standard	100 mg
BP 420	Dichlorophen impurity standard Assay Standard	100 mg
BP 721	1-(2,5-Dichlorophenyl)-5-isopropylbiguamide hydrochloride	25 mg
BP 598	Diclofenac diethylamine	100 mg
BP 619	Diclofenac sodium Assay Standard	100 mg

Code	Product	Unit
BP 118	Diethanolamine fusidate Assay Standard	100 mg
BP 361	2-Diethylaminoethyl3-(1-naphthyl)-2-(1-naphthylmethyl)propionate oxalate	25 mg
BP 119	Diethyl-4-decyloxy-3-ethoxyanilinomethylenemalonate	50 mg
BP 677	Diethylstilbestrol monophosphate	25 mg
BP 401	Diflucortolone valerate Assay Standard	100 mg
BP 397	Diflucortolone valerate impurity standard	25 mg
BP 431	Dihydrocodeine tartrate Assay Standard Controlled Substance	100 mg
BP 120	Dihydroergocristine mesilate	25 mg
BP 122	2,3-Dihydro-6-phenylimidazo [2,1,b]thiazole	50 mg
BP 726	Diltiazem hydrochloride	100 mg
BP 582	6,6-Dimethoxy-2,2'-binaphthyl	25 mg
BP 195	4-Dimethylamino-3-methyl-1,2-diphenylbutan-2-ol hydrochloride	50 mg
BP 607	3-Dimethylaminopropyl 2-benzylaminobenzoate hydrochloride	25 mg
BP 456	1,5-Dimethylhexyl(methyl)amine	50 mg
BP 511	Dimethyl{5-[2-(1-methylamino-2-nitrovinylamino) ethylsulphinylmethyl]furfuryl}amine	25 mg
BP 364	2,2-Dimethyl-5(2,4-xylyloxy)valeric acid	25 mg
BP 690	Dimpylate Assay Standard	0,1 ml
BP 691	Dimpylate for chromatography	0,1 ml
BP 128	Dipipanone hydrochloride Assay Standard Controlled Substance	100 mg
BP 673	Dipivefrine hydrochloride Assay Standard	100 mg
BP 659	Dipivefrine impurity standard	100 mg
BP 589	Diprenorphine Assay Standard	100 mg
BP 131	Dipyridamole Assay Standard	100 mg
BP 384	N1,N2-Diquinoxalin-2-ylsulphanilamide	25 mg
BP 577	Disodium ethoxyphosphinatoformate	25 mg
BP 615	Disodium pamidronate Assay Standard	100 mg
BP 132	Disulfiram Assay Standard	50 mg
BP 385	Dithranol Assay Standard	100 mg
BP 386	Dithranol dimer	50 mg
BP 674	Dobutamine hydrochloride Assay Standard	100 mg
BP 133	Docusate sodium Assay Standard	200 mg
BP 669	Domperidone maleate Assay Standard	100 mg
BP 468	Dopamine hydrochloride Assay Standard	100 mg
BP 134	Dosulepin (Dothiepin) hydrochloride Assay Standard	100 mg
BP 135	Doxapram hydrochloride Assay Standard	100 mg
BP 136	Doxepin hydrochloride Assay Standard	100 mg
BP 675	Droperidol Assay Standard	100 mg
BP 139	Econazole nitrate Assay Standard	100 mg
BP 387	Ephedrine hydrochloride Assay Standard Controlled Substance	100 mg
BP 405	Ergometrine maleate Assay Standard Controlled Substance	100 mg
BP 141	Ergotamine tartrate Assay Standard Controlled Substance	50 mg
BP 488	Erythromycin stearate Assay Standard	100 mg
BP 396	Estradiol benzoate Assay Standard	50 mg
BP 729	Estradiol hemihydrate	100 mg
BP 142	Estramustine	25 mg
BP 616	Estropipate Assay Standard	100 mg
BP 143	Etacrynic acid Assay Standard	100 mg
BP 421	Ethinylestradiol Assay Standard	100 mg
BP 145	Ethopabate Assay Standard	100 mg
BP 146	Ethosuximide Assay Standard	200 mg
BP 150	Ethyldimethyl[2-(2-methylbenzhydryloxy)ethyl]ammonium chloride	25 mg
BP 437	N-Ethylglucamine hydrochloride	500 mg
BP 149	Ethyl meclofenamate	25 mg
BP 529	Etodolac Assay Standard	150 mg

Code	Product	Unit
BP 533	Etodolac acid dimer	25 mg
BP 541	Etodolac 1-methyl analogue	25 mg
BP 542	Etodolac 8-methyl analogue	25 mg
BP 653	Famotidine Assay Standard	100 mg
BP 655	Famotidine degradation impurity 1	25 mg
BP 656	Famotidine degradation impurity 2	25 mg
BP 654	Famotidine impurity C	25 mg
BP 620	Felbinac Assay Standard	100 mg
BP 692	Fenbendazole	25 mg
BP 354	Fenbufen Assay Standard	100 mg
BP 661	Fenoterol degradation impurity A	25 mg
BP 661	Fenoterol degradation impurity A	25 mg
BP 660	Fenoterol hydrobromide Assay Standard	100 mg
BP 665	Fentanyl citrate Assay Standard Controlled Substance	100 mg
BP 666	Fentanyl impurity A Controlled Substance	25 mg
BP 156	Fenthion Assay Standard	0.25 ml
BP 571	Flavoxate hydrochloride Assay Standard	100 mg
BP 676	Flecainide acetate Assay Standard	100 mg
BP 158	Flucloxacillin sodium Assay Standard	250 mg
BP 159	Fludrocortisone acetate Assay Standard	50 mg
BP 160	Fluocinolone acetonide Assay Standard	50 mg
BP 489	Fluocinonide Assay Standard	100 mg
BP 161	Fluorocortolone hexanoate Assay Standard	50 mg
BP 162	Fluocortolone pivalate Assay Standard	50 mg
BP 163	4'-Fluoro-4-chlorobutyrophenone	0,5 ml
BP 573	Fluorometholone Assay Standard	100 mg
BP 164	Fluoxymesterone	50 mg
BP 554	Flupentixol decanoate dihydrochloride Assay Standard	100 mg
BP 556	trans-Flupentixol decanoate dihydrochloride	25 mg
BP 597	cis-Flupentixol propionate dihydrochloride	100 mg
BP 167	Fluphenazine hydrochloride Assay Standard	100 mg
BP 574	Flurbiprofen sodium Assay Standard	100 mg
BP 587	Fluticasone propionate Assay Standard	100 mg
BP 588	Fluticasone S-methyl impurity	25 mg
BP 600	Fluvoxamine maleate Assay Standard	100 mg
BP 671	Fluvoxamine maleate impurity standard	100 mg
BP 627	3-Formylrifamycin SV	25 mg
BP 639	Form-2',4'-xylidide	25 mg
BP 623	Foscarnet sodium Assay Standard	100 mg
BP 678	Fosfestrol sodium	50 mg
BP 172	Furazolidone	50 mg
BP 547	Furosemide Assay Standard	100 mg
BP 643	Gallamine impurity standard	100 mg
BP 363	Gemfibrozil Assay Standard	100 mg
BP 303	Gemfibrozil impurity A	25 mg
BP 365	Gemfibrozil methyl ester	0,1 ml
BP 175	Glibenclamide Assay Standard	100 mg
BP 368	Gliclazide Assay Standard	200 mg
BP 580	Gliquidone Assay Standard	150 mg
BP 581	Gliquidone sulphonamide	25 mg
BP 652	Glyceryl trinitrate solution Assay Standard	50 ml
BP 180	Griseofulvin Assay Standard	100 mg
BP 181	Guanethidine monosulphate Assay Standard	100 mg
BP 407	Haloperidol Assay Standard	150 mg

Code	Product	Unit
BP 182	Haloxon Assay Standard	300 mg
BP 185	Homatropine hydrobromide Assay Standard	100 mg
BP 186	Hydrochlorothiazide Assay Standard	200 mg
BP 576	Hydrocortisone Assay Standard	100 mg
BP 584	Hydrocortisone acetate Assay Standard	100 mg
BP 188	Hydrocortisone sodium phosphate	100 mg
BP 190	Hydroflumethiazide	100 mg
BP 481	1-Hydroxy-9-anthrone	25 mg
BP 197	Hydroxycarbamide Assay Standard	200 mg
BP 526	2-(2-Hydroxyethyl)-1-methylpyrrolidine	0,1 ml
BP 196	5-[1-Hydroxy-2-(1-methyl-3-phenylpropyl-amino)ethyl]salicylic acid hydrochloride	50 mg
BP 193	Hydroxyprogesterone caproate (hexanoate) Assay Standard	50 mg
BP 194	2-(6-Hydroxythymoxy)ethyldimethylamine hydrochloride	25 mg
BP 198	Hyoscine butylbromide Assay Standard	100 mg
BP 199	Hyoscine hydrobromide Assay Standard	200 mg
BP 539	Ibuprofen Assay Standard	200 mg
BP 202	Idoxuridine Assay Standard	100 mg
BP 664	Iminophenazine	25 mg
BP 625	Ipratropium bromide Assay Standard	100 mg
BP 557	4'-Isobutylacetophenone	0,1 ml
BP 550	Isoconazole nitrate Assay Standard	100 mg
BP 205	Isoprenaline hydrochloride Assay Standard	100 mg
BP 499	4'-(2-Isopropylaminoethyl)methansulphonanilide hydrochloride	25 mg
BP 626	8s-Isopropyl-3-hydroxytropanium bromide	25 mg
BP 621	Isradipine Assay Stadard	100 mg
BP 622	Isradipine impurity B	25 mg
BP 624	Isradipine impurity D	25 mg
BP 668	Ketoprofen Assay Standard β	100 mg
BP 667	Ketoprofen ethyl ester	0.1 ml
BP 707	Lacidipine	100 mg
BP 647	Lacidipine impurity standard	25 mg
BP 212	Levamisole hydrochloride	100 mg
BP 356	Levobunolol hydrochloride Assay Standard	100 mg
BP 213	Levodopa Assay Standard	100 mg
BP 723	Levomepromazine maleate Assay Standard	100 mg
BP 634	Levomepromazine sulphoxide	25 mg
BP 501	Levonorgestrel Assay Standard	100 mg
BP 727	Lidocaine Assay Standard	100 mg
BP 214	Lidocaine (Lignocaine) hydrochloride	50 mg
BP 733	Linseed oil	0.5 mL
BP 695	Lisinopril dihydrate Assay Standard	100 mg
BP 696	Lisinopril diketopiperazine	25 mg
BP 433	Lithium lactate Assay Standard	100 mg
BP 697	Lofepamine hydrochloride Assay Standard	100 mg
BP 635	Loperamide hydrochloride Assay Standard	100 mg
BP 636	Loperamide N-oxide	25 mg
BP 447	Loprazolam mesilate Controlled Substance	50 mg
BP 434	Lorazepam Assay Standard Controlled Substance	50 mg
BP 528	Lormetazepam Assay Standard Controlled Substance	100 mg
BP 218	Lymecycline	100 mg
BP 222	Megestrol	25 mg
BP 223	Megestrol acetate Assay Standard	100 mg
BP 629	Meloxicam Assay Stadard	100 mg
BP 630	Meloxicam impurity standard	50 mg

Code	Product	Unit
BP 391	Melphalan Assay Standard	100 mg
BP 699	Mepivacaine hydrochloride Assay Standard	100 mg
BP 583	Meptazinol hydrochloride Assay Standard	100 mg
BP 496	Mesoridazine besilate	50 mg
BP 226	Metaraminol tartrate	100 mg
BP 552	Methadone hydrochloride Assay Standard Controlled Substance	100 mg
BP 359	5-(6-Methoxy-2-naphthyl)-3-methylcyclo-hexan-1-one	25 mg
BP 232	1-(2-Methoxyphenyl)piperazine	25 mg
BP 644	Methyl 4-acetamido-2-hydroxybenzoate	25 mg
BP 606	1-Methylazepan-4-one hydrochloride	25 mg
BP 605	1-Methyl-4-(2-benzoylhydrazino)azepan hydrochloride	25 mg
BP 238	Methyl-3,5-diamino-6-chloropyrazine-2-carboxylate	50 mg
BP 239	3-Methyl-2,2-diphenyl-4-piperidinobutyronitrile	50 mg
BP 240	Methyldopa Assay Standard	100 mg
BP 241	Methyldopate hydrochloride Assay Standard	100 mg
BP 569	3-Methylflavone-8-carboxylic acid	25 mg
BP 570	3-Methylflavone-8-carboxylic acid ethyl ester	25 mg
BP 444	4-methyl-5-(2-hydroxyethyl)thiazole	25 mg
BP 457	2-Methyl-6-methylaminoheptan-2-ol	50 mg
BP 233	Methyl[2-(2-methylbenzhydroxy)ethyl]amine hydrochloride	25 mg
BP 476	1-methyl-3-[2-(5-methylimidazol-4-yl-methylthio)ethyl]guanidine dihydrochloride	25 mg
BP 237	Methyl N-4[2-(5-chloro-2-methoxybenzamido)ethyl]benzenesulphonyl carbamate	25 mg
BP 244	2-Methyl-5-nitroimidazole	50 mg
BP 245	(1-Methyl-5-nitroimidazol-2-yl)methanol	25 mg
BP 641	N-Methyl-N'-(2,4-xylyl)formamidine hydrochloride	25 mg
BP 662	Methylphenobarbital Assay Standard Controlled Substance	100 mg
BP 248	Methylprednisolone Assay Standard	100 mg
BP 249	Methylprednisolone acetate Assay Standard	200 mg
BP 445	4-Methyl-5-vinylthiazole edisilate	25 mg
BP 409	Methysergide maleate Assay Standard	50 mg
BP 642	Metipranolol Assay Standard	100 mg
BP 357	Metoclopramide hydrochloride Assay Standard	100 mg
BP 540	Metoprolol tartrate Assay Standard	100 mg
BP 603	Metronidazole Assay Standard	150 mg
BP 735	Metronidazole benzoate	100 mg
BP 251	Mexenone	100 mg
BP 252	Mianserin hydrochloride Assay Standard	100 mg
BP 253	Miconazole nitrate Assay Standard	100 mg
BP 722	Midazolam Assay Standard Controlled Substance	100 mg
BP 637	Minoxidil Assay Standard	100 mg
BP 254	Monosulfiram	100 mg
BP 255	Morphine hydrochloride Assay Standard Controlled Substance	100 mg
BP 648	Morphine sulphate Controlled Substance	100 mg
BP 358	Nabumetone Assay Standard	200 mg
BP 362	Naftidrofuryl oxalate Assay Standard	100 mg
BP 548	Naloxone hydrochloride Assay Standard	100 mg
BP 257	Nandrolone Assay Standard	100 mg
BP 425	Nandrolone decanoate	50 mg
BP 259	Nandrolone laurate	50 mg
BP 260	Nandrolone phenylpropionate Assay Standard	100 mg
BP 360	3-(1-Naphthyl)-2-tetrahydrofurfurylpropionic acid	25 mg
BP 435	Naproxen Assay Standard	100 mg
BP 460	Nicotinamide Assay Standard	100 mg
BP 395	Nicotinyl alcohol tartrate	50 mg



Code	Product	Unit
BP 462	Nifedipine Assay Standard	100 mg
BP 651	Nimodipine Assay Standard	100 mg
BP 262	Nitrazepam Assay Standard Controlled Substance	100 mg
BP 263	Nitrofurfural diacetate	50 mg
BP 367	3-Nitroso-3-azabicyclo (3.3.0)octane	0,1 ml
BP 512	Noradrenaline (norepinephrine) acid tartrate Assay Standard	100 mg
BP 266	Northisterone Assay Standard	50 mg
BP 670	Norfloxacin Assay Standard	100 mg
BP 714	Norgestrel	100 mg
BP 269	Nortriptyline hydrochloride Assay Standard	200 mg
BP 272	Orciprenaline sulphate	100 mg
BP 700	Oxybuprocaine hydrochloride Assay Standard	100 mg
BP 701	Oxybutynin hydrochloride Assay Standard	100 mg
BP 273	Oxyclozanide	200 mg
BP 416	Oxyphenbutazone Assay Standard	250 mg
BP 276	Pancuronium bromide Assay Standard	25 mg
BP 277	Papaverine hydrochloride Assay Standard	100 mg
BP 371	Paracetamol Assay Standard	100 mg
BP 278	Pentagastrin	0.1 mg
BP 422	Perphenazine Assay Standard	100 mg
BP 683	Pethidine hydrochloride Assay Standard Controlled Substance	100 mg
BP 282	Phenoxymethylpenicillin potassium Assay Standard	500 mg
BP 520	Phentolamine mesilate	50 mg
BP 703	Phenylcyclohexylglycolic acid	25 mg
BP 284	Phenylephrine hydrochloride Assay Standard	100 mg
BP 035	1-Phenyl-3-pyrrolidinopropan-1-one hydrochloride	50 mg
BP 423	Phytomenadione Assay Standard	0,25 ml
BP 503	Pilocarpine nitrate Assay Standard	200 mg
BP 682	Pimozide Assay Standard	100 mg
BP 450	3-Piperidylpropiophenone hydrochloride	50 mg
BP 463	Piroxicam Assay Standard	100 mg
BP 411	Pizotifen malate Assay Standard	50 mg
BP 288	Poldine metisulfate Assay Standard	100 mg
BP 289	Polythiazide Assay Standard	100 mg
BP 510	Potassium trichloroammineplatinate	25 mg
BP 399	Prazosin hydrochloride Assay Standard	100 mg
BP 464	Prednisolone Assay Standard	100 mg
BP 292	Prednisolone sodium phosphate Assay Standard	100 mg
BP 553	Prednisone Assay Standard	250 mg
BP 497	Prilocaine hydrochloride Assay Standard	100 mg
BP 293	Primidone	100 mg
BP 295	Procaine benzylpenicillin (procaine penicillin) Assay Standard	100 mg
BP 638	Prochlorperazine maleate Assay Standard	100 mg
BP 493	Prochlorperazine mesilate Assay Standard	100 mg
BP 494	Prochlorperazine sulphoxide	25 mg
BP 296	Procyclidine hydrochloride Assay Standard	100 mg
BP 449	Progesterone Assay Standard	50 mg
BP 297	Proguanil hydrochloride Assay Standard	100 mg
BP 412	Promethazine hydrochloride Assay Standard	100 mg
BP 505	Promethazine sulphoxide	25 mg
BP 413	Pseudoephedrine hydrochloride Assay Standard Controlled Substance	100 mg
BP 717	Pseudomorphine trihydrate	25 mg
BP 458	Pyridoxine hydrochloride Assay Standard	100 mg
BP 471	Ranitidine hydrochloride Assay Standard	100 mg

British Pharmacopeia



Code	Product	Unit
BP 593	Ribavirin Assay Standard	100 mg
BP 592	Ribavirin impurity standard	25 mg
BP 459	Riboflavin sodium phosphate	50 mg
BP 400	Rifampicin N-oxide	25 mg
BP 586	Ritodrine hydrochloride Assay Standard	200 mg
BP 451	Salbutamol Assay Standard	100 mg
BP 712	Salbutamol aldehyde impurity	25 mg
BP 704	Salbutamol ketone impurity	25 mg
BP 302	Salbutamol sulphate Assay Standard	100 mg
BP 705	Selegiline hydrochloride Assay Standard	100 mg
BP 453	Sodium nitroprusside Assay Standard	200 mg
BP 490	Sodium picosulfate Assay Standard	100 mg
BP 452	Sodium valproate Assay Standard	500 mg
BP 498	Sotalol hydrochloride	100 mg
BP 312	Sulfadiazine Assay Standard	100 mg
BP 310	Sulfadoxine Assay Standard	100 mg
BP 314	Sulfamethoxazole Assay Standard	100 mg
BP 679	Sulpiride Assay Standard	100 mg
BP 455	Temazepam Assay Standard Controlled Substance	100 mg
BP 708	Tenoxicam Assay Standard	100 mg
BP 709	Tenoxicam degradation impurity standard	100 mg
BP 318	Terbutaline sulphate Assay Standard	100 mg
BP 650	Terfenadine Assay Standard	100 mg
BP 319	Testosterone decanoate	100 mg
BP 321	Testosterone isocaproate	100 mg
BP 322	Testosterone phenylpropionate Assay Standard	100 mg
BP 702	Testosterone propionate Assay Standard	100 mg
BP 327	Theophylline	100 mg
BP 414	Thiamine mononitrate Assay Standard	100 mg
BP 495	Thioridazine Assay Standard	100 mg
BP 331	Thiotepa Assay Standard	100 mg
BP 332	2-Thymoxyethyl dimethylamine hydrochloride	25 mg
BP 645	Tioconazole Assay Standard	100 mg
BP 687	Tioconazole impurity standard	100 mg
BP 544	Transplatin	25 mg
BP 591	Trazodone hydrochloride impurity standard	50 mg
BP 338	Triamcinolone Assay Standard	100 mg
BP 339	Triamcinolone acetonide Assay Standard	50 mg
BP 680	Triamcinolone hexacetonide Assay Standard	100 mg
BP 340	Triamterene Assay Standard	100 mg
BP 341	3,5,6-Trichloro-2-hydroxybenzoic acid	50 mg
BP 555	2-Trifluoromethylthioxanthone	25 mg
BP 034	Trihexyphenidyl hydrochloride Assay Standard	100 mg
BP 344	Trimethoprim	100 mg
BP 346	z-Triprolidine	50 mg
BP 347	Triprolidine hydrochloride	100 mg
BP 349	Tylosin	50 mg
BP 350	Urea Assay Standard	1 g
BP 706	Ursodeoxycholic acid Assay Standard	150 mg
BP 563	Vigabatrin Assay Standard	150 mg
BP 564	5-Vinyl-2-pyrrolidone	25 mg
BP 672	Warfarin Assay Standard	100 mg
BP 353	Xylometazoline Hydrochloride Assay Standard	100 mg
BP 640	N,N'-bis(2,4-Xylyl)formamidine	25 mg
BP 599	Zuclopenthixol acetate dihydrochloride Assay Standard	100 mg
BP 596	Zuclopenthixol decanoate dihydrochloride	25 mg
BP 558	Zuclopenthixol hydrochloride Assay Standard	100 mg



Pharmacopée Française

The list of reference substances and reference spectra available from the Pharmacopée Française (PF) are issued under the authority of the PF and are solely for use in tests and assays of the Pharmacopoeia Française and Pharmacopoeia Française (Vétérinaire).

The list in this catalog is based on the PF list of 2003.

All PF CRS are available in restricted quantity and orders for multiple units will be reduced to a single unit.

Proper use

Reference substances from the PF are designed for specific applications which are identified by a code number included in each product description.

Uses other than those shown below are possible, but the user is responsible for checking the suitability of the PF CRS for any non-monograph use.

- 1 Identification by infrared spectrophotometry
- 2 Identification by thin layer chromatography
- 3 Test for related substances by thin layer chromatography
- 4 Test for related substances by liquid chromatography
- 5 Test for related substances by gas chromatography
- 6 Assay by UV spectrophotometry by gas chromatography
- 7 Assay by fluorimetry
- 8 Assay by liquid chromatography
- 9 Assay by gas chromatography
- 10 Microbiological assay
- 11 Assay by volumetric titration

Shelf life and expiry dates

French Pharmacopoeia chemical reference substances are subject to regular inspection and repeated analysis by PF scientific staff. Each PF CRS is, on receipt by the customer, fit for the intended use. The shelf life and the expiry date is not given, and PF advise that unopened vials should not be stored for a long period of time.

Code	Product	Use	Unit
FPC0020	Acéfylline heptaminol	1-3	200 mg
FPC2700	Adrénaline Reference Spectrum		unit
FPC0050	Alimémazine tartrate	1	25 mg
FPC0071	Amodiaquine chlorhydrate	1	25 mg
FPC0072	Amprolium chlorhydrate (<i>usage vétérinaire</i>)	1	25 mg
FPC0073	Arécoline bromhydrate (<i>usage vétérinaire</i>)	2-3	100 mg
FPC0141	Benzododecinium bromure	1-2-3-4	1000 mg
FPC0150	Benzylidène phtalide		100 mg
FPC0172	Bithionol		500 mg
FPC0173	Bithionoldioxyde		500 mg
FPC0174	Bithionoloxide (<i>usage vétérinaire</i>)	1-2-3	2000 mg
FPC0190	Bleu patente V	2-3-6	1000 mg
FPC0200	Boldine	1-2-3	100 mg
FPC0210	Butoformé	1-2	150 mg
FPC0271	Chlormadinone acetate	1-2-3	100 mg
FPC0320	Chloro-2 nicotinique acide		100 mg
FPC0352	Cineole	2	2 ml
FPC0370	Clofazimine	1-2-3	400 mg
FPC0411	N-Désacétyl-n-formylcolchicine		10 mg
FPC0421	Diacétyloléandomycine		100 mg
FPC0422	Diavéridine (<i>usage vétérinaire</i>)	1-2-3	250 mg
FPC0423	Dichlorvos (<i>usage vétérinaire</i>)	1-2-3	1000 mg
FPC0455	Dihydroergotoxine mesilate	1-2-3-8	300 mg
FPC0460	Diméthyle phtalate	1	5 ml
FPC0470	Diphényl-2,2'indanetétrone-1,1',3,3'		100 mg
FPC0600	Eosine disodique	2-3	200 mg
FPC0610	Epivincamine		50 mg
FPC0510	Erythromycine propionate	1-2-3-10	200 mg
FPC0722	Furaltadone (<i>usage vétérinaire</i>)	1-2-3	250 mg
FPC0730	Furazolidone	1-2-3	50 mg
FPC0800	Gaiacol (exempt de pyrocatechol)	3	5 g
FPC0892	Histamine	1	20 mg
FPC0898	Hydroquinidine chlorhydrate	1-4	100 mg
FPC0912	Hydroxy-14 codéinone		10 mg
FPC0920	Hydroxy-2 phénindione		150 mg
FPC0930	Hydroxy-2 N-(trifluorométhyl-3'phényl) nicotinamide		60 mg
FPC1010	Ioxaglique acide	1-2	1000 mg
FPC1020	Ioxitalamique acide	1-2	1000 mg
FPC1030	Isothiazinanium méthylsulfate		50 mg
FPC1222	Linalyle acétate	1-9	2 ml
FPC2900	Lysine acétylsalicylate Reference Spectrum		unit
FPC1310	Meglumine	1	100 mg
FPC1320	Mercurobutol	1-2-4-8	500 mg
FPC1342	Méso-inositol	2	1000 mg
FPC1343	Metacresol Reference Spectrum		unit
FPC1347	Methoxymethylumilysergol		100 mg
FPC1350	Methylantranilate de méthyle	2-9	2 ml
FPC1356	Mitomycine C	2	50 mg
FPC1358	Monoacétyloléandomycine		50 mg
FPC1405	Nicergoline	1-4	100 mg
FPC1540	Niflumique acide	1-4	120 mg
FPC1550	Nifuroxazide	1	500 mg
FPC1560	Nifurtimox	1-2-3	250 mg
FPC1572	Nitro-5 furaldazine		50 mg



Pharmacopée Française

Code	Product	Use	Unit
FPC1574	Nitro-5 furfurylidène diacétate		50 mg
FPC1576	Nitroxinil (<i>usage vétérinaire</i>)	1-2-3	500 mg
FPC1590	Novobiocine monosodique	1-10	unit
FPC1592	Oxamniquine	1-2-3	275 mg
FPC3100	Oxycodone chlorhydrate Reference Spectrum		unit
FPC1600	Oxyquinol	1	50 mg
FPC1620	Oxyquinol potassique	1	100 mg
FPC1700	Paramethasone acétate	1-2-3-6	200 mg
FPC1720	Phénindione	1	100 mg
FPC3000	Phentermine Reference Spectrum		unit
FPC1750	Phloroglucinol	2-3	400 mg
FPC1770	Piracetam	1-2	250 mg
FPC3200	Polytérephtalate éthylène Reference Spectrum		unit
FPC3300	Polytétrafluoroéthylène Reference Spectrum		unit
FPC3400	Polypropylène Reference Spectrum		unit
FPC1780	Potassium gluconate	2	50 mg
FPC1902	Rutine	1-2-3	3000 mg
FPC2030	Spartéine sulfate	1-2-3	250 mg
FPC2032	Strychnine sulfate	1-2-3	225 mg
FPC2034	Suc de papayer	11	500 mg
FPC2036	Sulconazole nitrate	2-3	200 mg
FPC2044	Sulfadiméthoxine	1-2-3	100 mg
FPC2070	Sulfamoxole	1	50 mg
FPC2090	Sulfaquinoxaline	1-2-3	100 mg
FPC2100	Sulfaquinoxaline sodique	1-2-3	100 mg
FPC2120	Sulfogaiacol	2-3	100 mg
FPC2122	Sulfogaiacol (<i>exempt de gaiacol</i>)		1000 mg
FPC2140	Suramine sodique	1	100 mg
FPC2210	Terpine	1-2-3-9	1000 mg
FPC2212	Tétramizole chlorhydrate (<i>usage vétérinaire</i>)	1	50 mg
FPC2230	Thiocolchicoside	1-2-3	300 mg
FPC2232	Thiopropérazine dimésylate (<i>methane sulphonate</i>)	1	50 mg
FPC2240	Thioridazine	1-2-3	100 mg
FPC2242	Thiotépa	1	500 mg
FPC2272	Troléandomycine	1-10	unit
FPC2273	Tyrothricine	2-10	unit
FPC2520	Vincamine	1-2-3	250 mg
FPC2540	Violet cristallisé	2-3-6	200 mg
FPC2530	Venin d'abeille PBR		unit

Japanese Pharmacopeia

Japanese Pharmacopeia



The Japanese, United States and European Pharmacopoeia are the three major pharmacopoeia of the world. They have established regular lines of communication and have set up a program that is working towards the harmonization of monographs and standards.

Reference substances specified in the Japanese Pharmacopoeia are supplied by the National Institute of Hygienic Sciences, (Kokuritsu Eisei Kenkyusyo) who produce chemical reference substances for the Society of Japanese Pharmacopoeia. Products are described in the following list.

Proper use

The correct use of JP reference standards and reagents needed to follow the monographs in the JP is described in the Japanese Pharmacopoeia XIV which was published at the end of 2001 and Supplement 1 of 2003.. As with the reference substances from other pharmacopoeia, JP CRS are intended only for the applications as described in monographs of the Japanese Pharmacopoeia and they should not be used for any other applications.

Shelf life and expiry date

Japanese Pharmacopoeia chemical reference substances are subject to regular inspection and repeated analysis by KEK scientific staff. Each JP reference standard is, on receipt by the customer, fit for the intended use. Shelf life or expiry dates are not given, and once opened vials should not be stored.

Only current lots are supplied by JP. For this reason users are advised to order only as required. Once opened, the JP can no longer guarantee the stability of the material and any of the CRS not used should be correctly disposed of.



Japanese Pharmacopeia

Code	Product	Unit
	Aceglutamide	250 mg
JP 010	Acetaminophen	300 mg
JP 013	p-Aminobenzoyl Glutamic Acid	500 mg
JP 012	Amitriptyline Hydrochloride	100 mg
JP 040	Ascorbic acid	1 g
JP 044	Baclofen	800 mg
JP 050	Beclometasone Dipropionate	100 mg
JP 060	Berberine Chloride	30 mg
JP 075	Betamethasone	100 mg
JP 077	Betamethasone Sodium Phosphate	100 mg
JP 079	Betamethasone Valerate	100 mg
JP 080	Bisacodyl	100 mg
JP 082	Calcium Folate	250 mg
JP 083	Camostat Mesilate	200 mg
JP 087	Carbidopa	200 mg
JP 088	Cellulose Acetate Phthalate	50 mg
JP 103	Chlormadinone Acetate	100 mg
JP 105	Chlorpheniramine Maleate	400 mg
JP 106	Ciclosporin	100 mg
JP 131	Clofibrate	800 mg
JP 132	Clomifene Citrate	200 mg
JP 133	Cortisone Acetate	100 mg
JP 141	Cyanocobalamin	200 mg
JP 150	Deferoxamine Mesilate	200 mg
JP 160	Dexamethasone	100 mg
JP 164	Diclofenamide	100 mg
JP 171	Diethylcalbamazine Citrate	200 mg
JP 193	Dihydroergotoxine Mesilate	100 mg
JP 196	Dobutamine Hydrochloride	300 mg
JP 210	Edrophonium Chloride	200 mg
JP 219	Epitiostanol	100 mg
JP 241	Estradiol Benzoate	50 mg
JP 239	Estriol	100 mg
JP 245	Ethenzamide	300 mg
JP 246	Ethinylestradiol	100 mg
JP 247	Ethyl Aminobenzoate	250 mg
JP 260	Fluocinolone Acetonide	50 mg
JP 261	Fluocinonide	100 mg
JP 265	Fluorometholone	100 mg
JP 266	Fluoxymesterone	100 mg
JP 270	Folic acid	500 mg
JP 271	Fosfestrol	300 mg
JP 272	Fursultiamine Hydrochloride	200 mg
JP 305	Gabexate Mesilate	200 mg
	Guaifenesin	200 mg
JP 375	Hydrochlorothiazide	100 mg
JP 380	Hydrocortisone	100 mg
JP 384	Hydrocortisone Acetate	100 mg
JP 385	Hydrocortisone Butyrate	100 mg
JP 386	Hydrocortisone Sodium Phosphate	100 mg
JP 388	Hydrocortisone Succinate	100 mg
JP 387	Hydroxypropylmethylcellulose Phthalate (200731)	50 mg
JP 389	Hydroxypropylmethylcellulose Phthalate (220824)	50 mg
JP 400	Idoxuridine	100 mg
JP 405	Imipramine Hydrochloride	200 mg

Japanese Pharmacopeia



JP 406	Indometacin	350 mg
JP 490	Lactose	50 m
JP 491	Anhydrous Lactose	50 mg
JP 492	Lactulose	1.5 g
JP 550	Maltose	800 mg
JP 552	Mecobalamin	450 mg
JP 560	Mestranol	100 mg
JP 570	Methoxsalen	200 mg
JP 574	Methyldopa	400 mg
JP 576	Methyltestosterone	100 mg
JP 581	Mexiletine Hydrochloride	100 mg
JP 609	Nicotinamide	500 mg
JP 612	Nicotinic Acid	500 mg
JP 631	Norgestrel	350 mg
JP 650	Perphenazine	100 mg
JP 675	Prednisolone	100 mg
JP 677	Prednisolone Acetate	100 mg
JP 680	Prednisolone Succinate	150 mg
JP 686	Primidone	300 mg
JP 687	Probenecid	500 mg
JP 688	Prochlorperazine Maleate	500 mg
JP 685	Progesterone	50 mg
JP 695	Pyridoxine Hydrochloride	200 mg
	Ranitidine Hydrochloride	100 mg
JP 725	Riboflavin	200 mg
JP 832	Spironolactone	200 mg
JP 831	Sulfadiazine Silver	300 mg
JP 840	Sulfinpyrazone	200 mg
JP 855	Testosterone Propionate	50 mg
JP 865	Thiamine Hydrochloride	1 g
JP 886	Tocopherol Nicotinate	150 mg
JP 883	Tolazamide	100 mg
JP 884	Tolbutamide	200 mg
JP 885	Tolnaftate	200 mg
JP 890	Triamcinolone	100 mg
JP 891	Triamcinolone Acetonide	100 mg
JP 892	Trihexylphenidyl Hydrochloride	300 mg
JP 894	Tyrosine	500 mg
JP 900	Ubidecarenone	150 mg
JP 990	Xylitol	3.7 g



National Institute of Health Sciences

Reference Standards for assays and tests of Pharmaceuticals

Product	Unit
Cycladellate	300 mg
Dexamethasone Acetate	100 mg
Dexamethasone Sodium Phosphate	100 mg
Diflucortolone Valerate	100 mg
Estradiol	50 mg
Estrone	50 mg
Fludroxycortide	100 mg
Histamine Phosphate	50 mg
Hydrocortisone Butyrate	100 mg
Methylethergometrin Maleate	50 mg
Prednisolone Sodium Phosphate	100 mg
Theobromine	100 mg

Reference Standards for tests of dyes

Product	Unit
Acid Red	1 g
Acid Violet 6B	1 g
Amaranth	1 g
Azorubine Extra	1 g
Brilliant Blue FCF	1 g
Eosin	1 g
Erythrosine	1 g
Fast Green FCF	1 g
Fast Red S	1 g
Fluorescein	1 g
Guineagreen B	1 g
Hansa Yellow	1 g
Indigo	1 g
Indigocarmine	1 g
Lake Red CBA	1 g
Lake Red DBA	1 g
Lithol Rubine BCA	1 g
Naphthol Yellow	1 g
New Coccine	1 g
Oil Orange SS	1 g
Oil Red XO	1 g
Oil Yellow OB	1 g
Orange I	1 g
Orange II	1 g
Permanent Orange	1 g
Phloxine	1 g
Ponceau 3R	1 g
Ponceau R	1 g
Ponceau SX	1 g
Rose Bengale	1 g
Sunset Yellow FCF	1 g
Tartrazine	1 g
Tetrabromofluorescein	1 g
Tetrachlorotetrabromofluorescein	1 g
Toluidine Red	1 g

SHIN

Pharmacopoeia Helvetica

Pharmacopoeia Helvetica



The range of reference substances available from the Pharmacopoeia Helvetica is issued under the authority of the Pharmacopoeia Helvetica, and are solely for use in tests and assays of the Pharmacopoeia Helvetica.

The Pharmacopoeia Helvetica contains, in addition to harmonized European Pharmacopoeia monographs, a number of national monographs. Many of the national monographs require CRS, these are described in the list below.

The list in this catalog is based on the current Pharmacopoeia Helvetica.

Code	Product	Unit
SPC 003	5-Chlor-8-chinolinol	50 mg
SPC 004	5,7-Dichlor-8-chinolinol	50 mg
SPC 005	5,7-Diod-8-chinolinol	50 mg
SPC 010	Acetylcholinchlorid	500 mg
SPC 015	α -(2-Piperidyl)phenylethylsäure	50 mg
SPC 030	Atropin	50 mg
SPC 050	Benzbromaron Reference Spectrum	unit
SPC 100	Calcitonin (human)	30 mg
SPC 105	Calciumlävulinat	300 mg
SPC 120	Cineol	1 g
SPC 130	Clioquinol	500 mg
SPC 140	Codergocrinmesilat	200 mg
SPC 175	Dithydralazinmesilat Reference Spectrum	unit
SPC 180	Dihydroergocristinmesilat	30 mg
SPC 190	Drofeninhydrochlorid	1 g
SPC 200	Estradiolpropionat	200 mg
SPC 204	Ethanol 70% Reference Spectrum	unit
SPC 255	Gramicidin BRS	50 mg
SPC 260	Guaicol	500 mg
SPC 285	Hydrocodon Reference Spectrum	unit
SPC 330	Methamphetaminhydrochlorid Reference Spectrum	unit
SPC 335	Methylphenidat Reference Spectrum	unit
SPC 340	Methylsergidhydrogenmaleat	50 mg
SPC 360	Natrium-p-aminosalicylat Reference Spectrum	unit
SPC 055	Nicotin Reference Spectrum	unit
SPC 380	Oxychinolinsulfat Reference Spectrum	unit
SPC 020	p-Aminobenzoessäure	500 mg
SPC 400	Parachlorphenol Reference Spectrum	unit
SPC 455	Saponin-Standard	500 mg
SPC 505	Terpinhydrat Reference Spectrum	unit
SPC 515	Thiethylperazinhydrogenmaleat	200 mg
SPC 540	Tyrosin	50 mg

International Pharmacopeia

The World Health Organization (WHO) is a specialized agency of the United Nations with a primary responsibility for international health matters and public health, is the issuing body of the substances described in the International Pharmacopoeia. Progress towards better health requires international cooperation in the establishment of international standards for biological substances and pharmaceuticals. The WHO has therefore authorized the establishment and maintenance of a number of reference collections. Two are of particular interest to analysts involved in pharmaceutical and clinical measurement sciences: the collections of international biological reference substances and international chemical reference substances.

International biological reference substances

The extensive range of biological reference substances was established to provide a means of ensuring International uniformity in the designation of the potency, activity or specificity of preparation that are used in the prevention, treatment or diagnosis of human or animal diseases, and for which chemical and physical assay terms are inappropriate.

WHO biological reference substances are needed for certain antibiotic and hormone assays described in a number of pharmacopoeia. The majority of the preparations of interest to the analyst working in the fields of pharmaceutical analysis are held by the NIBSC in England.

International chemical reference substances International chemical reference substances are established upon the advice of the WHO expert committee on specifications for pharmaceutical preparations. They are intended for use in physical and chemical tests and assays described in the specifications for quality control published in the International Pharmacopoeia (IP CRS), or as proposed in draft monographs.

The list in this catalog is based on the current WHO information.

Proper use

Whilst the primary application of IP CRS is in physical and chemical tests and assays as described in the International Pharmacopoeia, IP CRS do have application in other aspects of pharmaceutical analysis where a certificate of purity is required.

Documentation

Directions for use and analytical data are provided in certificates distributed with the IP CRS. The certificates show how the identity and purity of the material was confirmed, and in many cases demonstrate traceability to another PRM. This information fulfills most of the requirements of a Certification Report as defined by the ISO Guides on the preparation and use of the Certified Reference Materials.

Shelf life and expiry dates

International Pharmacopoeia chemical reference substances are subject to regular inspection and repeated analysis by the WHO Collaborating Center scientific staff. Each IP CRS is, on receipt by the customer, suitable for the intended use. Shelf life and expiry dates are not given, and IP advise that once opened, vials should not be stored for long periods of time.

Only current lots are supplied by IP. For this reason users are advised to order only as required. Once opened IP can no longer guarantee the stability of the material and any of the CRS not used should be disposed of.

Controlled substances

For information on ordering please contact R.T. Corporation.

International Pharmacopeia



Code	Product	Unit
WHO9930375	p-Acetamidobenzalazine	25 mg
WHO9930201	Acetanilide (116°C) Melting Point Standard	1 g
WHO9930202	Acetazolamide	100 mg
WHO9930204	Allopurinol	100 mg
WHO9930206	Amidotrizoic acid	100 mg
WHO9930191	2-Amino-5-nitrothiazole	25 mg
WHO9930194	3-Aminopyrazole-4-carboxamide hemisulfate	100 mg
WHO9930193	3-Amino-2,4,6-triodobenzoic acid	100 mg
WHO9930208	Amitriptyline hydrochloride	100 mg
WHO9930209	Amodiaquine hydrochloride	200 mg
WHO9930210	Amphotericin B	400 mg
WHO9930211	Ampicillin (anhydrous)	200 mg
WHO9930212	Ampicillin sodium	200 mg
WHO9930213	Ampicillin trihydrate	200 mg
WHO9930214	Anhydrotetracycline hydrochloride	25 mg
WHO9930215	Atropine sulfate	100 mg
WHO9930216	Azathioprine	100 mg
WHO9930217	Azobenzene (69°C) Melting Point Standard	1 g
WHO9930218	Bacitracin zinc	200 mg
WHO9930219	Beclometasone dipropionate	200 mg
WHO9930220	Bendazol hydrochloride	100 mg
WHO9930221	Benzanilide (165° C) Melting Point Standard	4 g
WHO9930222	Benzil (96° C) Melting Point Standard	4 g
WHO9930223	Benzobarbital	100 mg
WHO9930224	Benzylamine sulfate	100 mg
WHO9930225	Benzylpenicillin potassium	200 mg
WHO9930226	Benzylpenicillin sodium	200 mg
WHO9930227	Bephenium hydroxynaphthoate	100 mg
WHO9930228	Betamethasone	100 mg
WHO9930229	Betamethasone sodium phosphate	100 mg
WHO9930230	Betamethasone valerate	100 mg
WHO9930231	Betanidine sulfate	100 mg
WHO9930233	Bupivacaine hydrochloride	100 mg
WHO9930234	Caffeine	100 mg
WHO9930235	Caffeine (237°C) Melting Point Standard	1 g
WHO9930236	Calcium folinate (Leucovorin calcium)	100 mg
WHO9930237	Captopril	100 mg
WHO9930238	Captopril disulfide	25 mg
WHO9930239	Carbamazepine	100 mg
WHO9930240	Carbenicillin monosodium	200 mg
WHO9930241	Chloramphenicol	200 mg
WHO9930242	Chloramphenicol palmitate	1 g
WHO9930243	Chloramphenicol palmitate (Polymorph A)	200 mg
WHO9930199	5-Chloro-2-methylaminobenzophenone	100 mg
WHO9930245	Chloroquine sulfate	200 mg
WHO9930190	2-(4-Chloro-3-sulfamoylbenzoyl)benzoic acid	50 mg
WHO9930246	Chlorphenamine hydrogen maleate	100 mg
WHO9930247	Chlorpromazine hydrochloride	100 mg
WHO9930248	Chlortalidone	100 mg
WHO9930249	Chlortetracycline hydrochloride	200 mg
WHO9930250	Cimetidine	100 mg
WHO9930256	Ciprofloxacin hydrochloride	400 mg
WHO9930252	Ciprofloxacin by compound A	20 mg
WHO9930253	Ciprofloxacin desfluoro-compound	20 mg



International Pharmacopeia

Code	Product	Unit
WHO9930254	Ciprofloxacin ethylenediamine-compound	20 mg
WHO9930255	Ciprofloxacin fluoroquinolonic acid	20 mg
WHO9930258	Cisplatin	100 mg
WHO9930259	Clomifene citrate	100 mg
WHO9930261	Cloxacillin sodium	200 mg
WHO9930262	Colecalciferol (Vitamin D3)	500 mg
WHO9930263	Cortisone acetate	100 mg
WHO9930265	Dapsone	100 mg
WHO9930266	Desoxycortone acetate	100 mg
WHO9930267	Dexamethasone	100 mg
WHO9930268	Dexamethasone acetate	100 mg
WHO9930269	Dexamethasone phosphoric acid	100 mg
WHO9930270	Dexamethasone sodium phosphate	100 mg
WHO9930281	Diazepam Controlled Substance	100 mg
WHO9930282	Diazoxide	100 mg
WHO9930283	Dicloxacillin sodium	200 mg
WHO9930284	Dicolinium iodide	100 mg
WHO9930285	Dicoumarol	100 mg
WHO9930286	Dicyanodiamide (210°C) Melting Point Standard	1 g
WHO9930287	Diethylcarbamazine dihydrogen citrate	100 mg
WHO9930288	Digitoxin	100 mg
WHO9930289	Digoxin	100 mg
WHO9930290	Dopamine hydrochloride	100 mg
WHO9930292	Doxorubicin hydrochloride	100 mg
WHO9930294	Emetine hydrochloride	100 mg
WHO9930197	4-Epianhydrotetracycline hydrochloride	25 mg
WHO9930198	4-Epitetracycline hydrochloride	25 mg
WHO9930295	Ergocalciferol (Vitamin D2)	500 mg
WHO9930296	Ergometrine hydrogen maleate Controlled Substance	50 mg
WHO9930297	Ergotamine tartrate Controlled Substance	50 mg
WHO9930298	Erythromycin	250 mg
WHO9930299	Erythromycin B	150 mg
WHO9930300	Erythromycin C	25 mg
WHO9930301	Estradiol benzoate	100 mg
WHO9930302	Estrone	100 mg
WHO9930303	Etacrynic acid	100 mg
WHO9930304	Ethambutol hydrochloride	100 mg
WHO9930305	Ethinylestradiol	100 mg
WHO9930306	Ethisterone	100 mg
WHO9930307	Ethosuximide	100 mg
WHO9930308	Etocarlide	100 mg
WHO9930309	Flucloxacillin sodium	200 mg
WHO9930310	Flucytosine	100 mg
WHO9930311	Fludrocortisone acetate	200 mg
WHO9930312	Fluorouracil	100 mg
WHO9930313	Fluphenazine decanoate dihydrochloride	100 mg
WHO9930314	Fluphenazine enantate dihydrochloride	100 mg
WHO9930315	Fluphenazine hydrochloride	100 mg
WHO9930316	Folic acid	100 mg
WHO9930195	3-Formylrifamycin	200 mg
WHO9930355	Framycetin sulfate (Neomycin B sulfate)	200 mg
WHO9930318	Furosemide	100 mg
WHO9930319	Gentamicin sulfate	100 mg
WHO9930322	Griseofulvin	200 mg

International Pharmacopeia



Code	Product	Unit
WHO9930323	Haloperidol	100 mg
WHO9930324	Hydrochlorothiazide	100 mg
WHO9930325	Hydrocortisone	100 mg
WHO9930326	Hydrocortisone acetate	100 mg
WHO9930327	Hydrocortisone sodium succinate	200 mg
WHO9930188	(-)-3-(4-Hydroxy-3-methoxyphenyl)-2-hydrazino-2-methylalanine (3-O-Methylcarbidopa)	25 mg
WHO9930189	(-)-3-(4-Hydroxy-3-methoxyphenyl)-2-methylalanine (3-O-Methylmethyldopa)	25 mg
WHO9930328	Ibuprofen	100 mg
WHO9930329	Imipramine hydrochloride	100 mg
WHO9930330	Indometacin	100 mg
WHO9930370	o-Iodohippuric acid	100 mg
WHO9930331	Isoniazid	100 mg
WHO9930332	Kanamycin monosulfate	12 mg
WHO9930333	Lanatoside C	100 mg
WHO9930334	Levodopa	100 mg
WHO9930335	Levonorgestrel	200 mg
WHO9930336	Levothyroxine sodium	100 mg
WHO9930337	Lidocaine	100 mg
WHO9930338	Lidocaine hydrochloride	100 mg
WHO9930339	Liothyronine sodium	50 mg
WHO9930340	Loperamide hydrochloride	100 mg
WHO9930341	Mebendazole	200 mg
WHO9930343	Metazide	100 mg
WHO9930344	Methaqualone	100 mg
WHO9930345	Methotrexate	100 mg
WHO9930346	Methyldopa	100 mg
WHO9930347	Methyltestosterone	100 mg
WHO9930348	Meticillin sodium	200 mg
WHO9930350	Metronidazole	100 mg
WHO9930351	Nafcillin sodium	200 mg
WHO9930354	Neamine hydrochloride (Neomycin A hydrochloride)	0.5 mg
WHO9930356	Neostigmine metilsulfate	100 mg
WHO9930357	Nicotinamide	100 mg
WHO9930358	Nicotinic acid	100 mg
WHO9930359	Nifurtimox	100 mg
WHO9930360	Niridazole	200 mg
WHO9930361	Niridazole-chlorethylcarboxamide	25 mg
WHO9930366	Norethisterone	100 mg
WHO9930367	Norethisterone acetate	100 mg
WHO9930369	Nystatin	200 mg
WHO9930371	Oubain	100 mg
WHO9930372	Oxacillin sodium	200 mg
WHO9930373	Oxytetracycline dihydrate	200 mg
WHO9930374	Oxytetracycline hydrochloride	200 mg
WHO9930376	Papaverine hydrochloride	100 mg
WHO9930377	Paracetamol	100 mg
WHO9930378	Paromomycin sulfate	75 mg
WHO9930380	Phenacetin (136°C) Melting Point Standard	1 g
WHO9930381	Pheneticillin potassium	200 mg
WHO9930382	Phenolphthalein (263°C) Melting Point Standard	1 g
WHO9930383	Phenoxymethylpenicillin	200 mg
WHO9930384	Phenoxymethylpenicillin calcium	200 mg
WHO9930385	Phenoxymethylpenicillin potassium	200 mg



International Pharmacopeia

Code	Product	Unit
WHO9930387	Phenytoin	100 mg
WHO9930388	Piperazine adipate	100 mg
WHO9930389	Piperazine citrate	100 mg
WHO9930390	Praziquantel	100 mg
WHO9930391	Prednisolone	100 mg
WHO9930392	Prednisolone acetate	100 mg
WHO9930393	Prednisolone hemisuccinate	200 mg
WHO9930394	Prednisolone sodium phosphate	200 mg
WHO9930395	Prednisone	100 mg
WHO9930396	Prednisone acetate	100 mg
WHO9930397	Probenecid	100 mg
WHO9930398	Procaine hydrochloride	100 mg
WHO9930399	Procarbazine hydrochloride	100 mg
WHO9930400	Progesterone	100 mg
WHO9930401	Propicillin potassium	200 mg
WHO9930402	Propanolol hydrochlorid	100 mg
WHO9930403	Propylthiouracil	100 mg
WHO9930404	Pyrantel embonate (Pyrantel pamoate)	500 mg
WHO9930405	Pyridostigmine bromide	100 mg
WHO9930406	Reserpine	100 mg
WHO9930407	Retinol acetate (solution) Content: approx. 8 mg in 230 mg oil per capsule	5 capsules
WHO9930408	Riboflavin	250 mg
WHO9930409	Rifampicin	300 mg
WHO9930410	Rifampicin quinone	200 mg
WHO9930411	Saccharin (229°C) Melting Point Standard	1 g
WHO9930412	Sodium amidotrizoate	100 mg
WHO9930413	Sodium cromoglicate	100 mg
WHO9930415	Spectinomycin hydrochloride	200 mg
WHO9930416	Streptomycin sulfate	100 mg
WHO9930417	Sulfacetamide	100 mg
WHO9930419	Sulfamethoxazole	100 mg
WHO9930420	Sulfamethoxypyridazine	100 mg
WHO9930421	Sulfanilamide	100 mg
WHO9930423	Sulfapyridine (210°C) Melting Point Standard	4 g
WHO9930424	Sulfasalazine	100 mg
WHO9930425	Tamoxifen citrate	100 mg
WHO9930426	Tamoxifen citrate E-isomer	10 mg
WHO9930427	Testosterone enantate	200 mg
WHO9930428	Testosterone propionate	100 mg
WHO9930429	Tetracycline hydrochloride	200 mg
WHO9930430	Thioacetazone	100 mg
WHO9930196	4,4'-Thiodianiline	50 mg
WHO9930431	Tolbutamide	100 mg
WHO9930432	Tolnaftate	100 mg
WHO9930433	Toluene-2-sulfonamide	100 mg
WHO9930434	Trimethadione	200 mg
WHO9930435	Trimethoprim	100 mg
WHO9930436	Trimethylguanidine sulfate	100 mg
WHO9930438	Vanillin (83°C) Melting Point Standard	1 g
WHO9930440	Vincristine sulfate	9.7 mg/vial
WHO9930439	Warfarin	100 mg
WHO9930260	Zuclomifene	50 mg

Institute of Dyes and Organic Products (IBPO) Poland

The use of coloring agents in pharmaceutical preparations and dose forms is widespread. In most cases food coloring materials are used.

The following standards of dyes, used in the pharmaceutical and food industry, are listed with common description, E code and color index number (C.I.) for an easy assignment.

The IBPO is accredited by the Polish Centre for Testing and Certification according to the standard PNEN 45001 and ISO/IEC Guide 25:1990.

Each color reference standard is supplied with a detailed certificate of analysis which includes dye content value determined by spectrophotometry and values of impurities.

Code	Product	Unit
Black		
IBPO010	Brilliant Black PN C.I.28440-E 151	1 g
Blue		
IBPO015	Brilliant Blue FCF C.I.42090-E 133	1 g
IBPO002	Indigotine C.I.73015-E 132	1 g
IBPO012	Patent Blue V C.I.42051-E 131	1 g
Brown		
IBPO017	Brown HT C.I.20285-E 155	1 g
Green		
IBPO016	Brilliant Green BS C.I.44090-E 142	1 g
Red		
IBPO014	Allura Red AC C.I.16035-E 129	1 g
IBPO005	Amaranth C.I.16185-E 123	1 g
IBPO003	Azorubin C.I.14720-E 122	1 g
IBPO011	Erythrosine C.I.45430-E 127	1 g
IBPO004	Ponceau 4R C.I.16255-E 124	1 g
IBPO013	Red 2 G C.I.18050-E 128	1 g
Yellow		
IBPO007	Quinoline Yellow C.I.47005-E 104	1 g
IBPO009	Sunset Yellow FCF C.I.15985-E 110	1 g
IBPO008	Tartrazine C.I.19140-E 102	1 g



Pharmaceutical Research Institute

Pharmaceutical Research Institute (PRI), Warsaw

The Pharmaceutical Research Institute was founded in 1952. Since its beginning it has been the main source of the processes for drug manufacturing implemented in Polish pharmaceutical plants. The PRI's internal organization includes synthetic laboratories, analytical departments and the Department of Pharmacy which are outfitted with the modern equipment for stability tests.

Each item is delivered with a detailed Certificate of Analysis.

Code	Product	Unit
PRI 137	Acamprosate calcium	1 g
PRI 101	Alfacalcidol	10 mg
PRI 102	Alfacalcidol impurity B trans-1a-Hydroxycholecalciferol	5 mg
PRI 103	Alfacalcidol impurity C 1B-Hydroxycholecalciferol	5 mg
PRI 104	Aminoglutethimide	250 mg
PRI 130	Bambuterol Hydrochloride	50 mg
PRI 124	Bicalutamide	100 mg
PRI 105	Budesonide R	100 mg
PRI 106	Calcifediol monohydrate	75 mg
PRI 107	Calcitriol	10 mg
PRI 108	Calcitriol impurity C 1B, 25-Dihydroxycholecalciferol	
PRI 142	Carbocysteine	500 mg
PRI 109	Carvedilol	100 mg
PRI 129	Cisapride monohydrate	50 mg
PRI 141	Enalaprilat	250 mg
PRI 140	Felodipine	500 mg
PRI 126	Finasteride	5 mg
PRI 110	Flumethasone	100 mg
PRI 111	Flutamide	250 mg
PRI 138	Genistein	10 mg
PRI 136	Gosereline acetate	5 mg
PRI 112	Idarubicin HCl	10 mg
PRI 125	Lamotrigine	100 mg
PRI 128	Lansoprazole	100 mg
PRI 114	Lomustine	50 mg
PRI 115	Lomustine impurity 1-(2-Chloroethyl)-3-cyclohexylurea	100 mg
PRI 116	Lomustine impurity 1,3-Dicyclohexylurea	100 mg
PRI 143	Midazolam Intermediate	100 mg
PRI 117	Mitoxantrone Dihydrochloride	100 mg
PRI 118	Moclobemide	100 mg
PRI 119	Nicorandil	100 mg
PRI 120	Nitrendipine	250 mg
PRI 131	Norfluoxetine Oxalate	50 mg
PRI 121	Olanzapine	100 mg
PRI 133	Oxaceprol	500 mg
PRI 127	Piribedil	100 mg
PRI 132	Proscillaridin	100 mg
PRI 134	R-(+)-Aminoglutethimide	100 mg
PRI 135	S-(-)-Aminoglutethimide	100 mg
PRI 122	Timolol maleate	100 mg
PRI 123	Xylazine HCl	1 g

Refractive index CRMs

The revised EP general method 2.2.6 replaces CRS reference liquids with certified reference materials available from suppliers of chemical reagents or materials certified for metrology.

10 liquid CRMs, certified by the Physical Chemistry Division of the Central Office of Measures (GUM), Warsaw in Poland, cover the wide range of refractive index from 1,333 (water) to 1,657 (1-bromonaphthalene).

These CRMs are intended for calibration and checking refractive index scales of laboratory refractometers of an uncertainty expected not less than $\pm 0,00005$.

The n values were determined on a Pulfrich refractometer, previously calibrated with solid class 1 CRMs, for which values were established using goniometric procedures.

All CRMs are supplied with a certificate. Certified values to 5 significant figures for the refractive index at $\lambda = 589.3 \text{ nm}$ $t = 20^\circ\text{C}$ and associated uncertainties are given.

Reference liquids are packed in glass ampoules (7.1, 7.2, 7.5, 7.6, 7.8) or plastic drop-bottles (7.11, 7.12, 7.13, 7.20, 7.21).

Code	Product	Unit
PRG 7.21	Water Refractive index.....1,333 at 20°C	10 ml
PRG 7.1	2,2,4-Trimethylpentane Refractive index.....1,391 at 20°C	10 ml
PRG 7.11	Methylsilicone oil Refractive index.....1,405 at 20°C	10 ml
PRG 7.2	Methylcyclohexane Refractive index.....1,423 at 20°C	10 ml
PRG 7.12	Silicone oil DC 556 Refractive index.....1,462 at 20°C	10 ml
PRG 7.20	Paraffin oil Refractive index.....1,475 at 20°C	10 ml
PRG 7.5	Toluene Refractive index.....1,496 at 20°C	10 ml
PRG 7.6	Chlorobenzene Refractive index.....1,524 at 20°C	10 ml
PRG 7.13	Silicone oil AN 140 Refractive index.....1,560 at 20°C	10 ml
PRG 7.8	1-Bromonaphthalene Refractive index.....1,657 at 20°C	10 ml

Pharmaceutical impurities

Background

The pharmaceutical monographs regulate the legal definition but also the analysis and the limits of impurities in a given substance. Impurities in a pharmaceutical substance can change the effects and side effects of a drug significantly. It is therefore important to have an accurate detection of impurities.

The increasing importance of impurity reference materials is also becoming apparent in the registration of drugs, where an exact identification and quantification of susceptible impurities is required for an assured documentation.

A wide range of known impurities is listed in individual pharmaceutical monographs. However, impurities that are still protected by a patent as well as those that are only known to the manufacturer, are not listed.

Guidelines for impurities have been laid out in the monographs, from the manufacturer internally or in the International Conference on Harmonisation (ICH) Guidelines which have been agreed by Europe, Japan and the United States. As a rule, a limit of 0.1% is set and the control of the toxicological categorised impurities lies well below this limit.

Three ICH-Guidelines

ICH Q3A (R): Impurities in New Drug Products

Impurities in New Drug Products contain decomposed products of the substance or impurities, which are produced due to a reaction between active (organic), and inactive substances and / or the active substance and the containment. Guidance is provided on limits and qualification of impurities produced by chemical synthesis. The guideline is being widely followed by companies involved in new drug development, to ensure that a single drug substance specification is developed which is acceptable in Europe, Japan and the United States.

ICH Q3B (R): Impurities in New Drug Substances

The impurities in the New Drug Substances are divided between the ICH Guidelines Q3B (R) in organic, inorganic impurities and residual solvent solutions. Recommendations are made on the content and qualification of impurities that may arise in the drug products due to degradation of the active ingredient or interaction with other components.

ICH Q3C: Impurity Guidelines for Residual Solvents

Guidelines for Residual Solvents Impurities (ICH Q3C) are organic volatile chemicals that are used or produced in the manufacturing of drug substances or excipients, or in the preparation of drug products. It recommends the use of less toxic solvents in the manufacture of drug substances and dosage forms, and sets pharmaceutically acceptable limits for residual solvents (organic volatile impurities) in drug products.

The full wording of the ICH-Guidelines is available at the official website of the ICH: www.ich.org.

Mikromol GmbH

The pharmaceutical impurities listed in this section are supplied by Mikromol, a company formed in 1993 by a team of chemists and pharmacists. Mikromol has extensive experience of a wide range of chemical processes and techniques and is able to supply chemical reference substances in mg quantities. The company also has strengths in R&D including steroids and can produce customized pharmaceutical impurities on request (for more information about this service, please contact R.T. Corporation).

Production and certification

Mikromol is ISO 9000 certified and follows the GMP guidelines. Each product is accompanied by a detailed certificate of analysis, which gives information on the identity and purity, together with the various analytical methods and their conditions. A sample of such a certificate is printed on the following pages.

Narcotics

Some of the substances described in this section are subject to narcotics legislation. These are marked as **[Controlled Substance]**. Please contact R.T. Corporation for information on the legal requirements to purchase these products.

Delivery time

The majority of products mentioned in this section are available from stock, others may have a delivery time of approximately four weeks. For custom synthesis, the time is estimated from previous experience. Customers will be notified if unforeseen complications arise during the synthesis. In the unlikely event that a synthesis does not reach the expected result, R.T. Corporation reserves the right to cancel the order.

Pharmaceutical impurities



Acebutolol Hydrochloride

MM 0435.00 Acebutolol Hydrochloride 500 mg

Aceclofenac

MM 0181.00 Acetoclofenac 250 mg
 MM 0181.07 **Imp. A** (EP): 2-[2-[(2,6-Dichlorophenyl)amino]phenyl]acetic Acid (*Diclofenac*) 100 mg
 MM 0181.08 **Imp. B** (EP): Methyl 2-[2-[(2,6-dichlorophenyl)amino]phenyl]acetate (*Methyl Ester of Diclofenac*) 100 mg
 MM 0181.09 **Imp. C** (EP): Ethyl 2-[2-[(2,6-dichlorophenyl)amino]phenyl]acetate (*Ethyl Ester of Diclofenac*) 100 mg
 MM 0181.01 **Imp. D** (EP): Methyl 2-[2-[(2,6-dichlorophenyl)amino]phenyl]acetyl]oxy]acetate (Methyl Ester of Acetoclofenac) 100 mg
 MM 0181.02 **Imp. E** (EP): Ethyl 2-[2-[(2,6-dichlorophenyl)amino]phenyl]acetyl]oxy]acetate (*Ethyl Ester of Acetoclofenac*) 100 mg
 MM 0181.03 **Imp. F** (EP): Benzyl 2-[2-[(2,6-dichlorophenyl)amino]phenyl]acetyl]oxy]acetate (Benzyl Ester of Acetoclofenac) 100 mg
 MM 0181.04 **Imp. G** (EP): 2[[2-[2-[(2,6-Dichlorophenyl)amino]phenyl]acetyl]oxy]acetyl]oxy]acetic acid 100 mg
 MM 0006.01 **Imp. I** (EP): 1-(2,6-Dichlorophenyl)indolin-2-one 100 mg
 MM 0181.06 Isopropyl 2-[2-[(2,6-Dichlorophenyl)amino]phenyl]acetate (*Isopropyl Ester of Diclofenac*) 100 mg

Acetazolamide

MM 0648.00 Acetazolamide 500 mg

Acetylcysteine

MM 0024.00 *N*-Acetyl-*L*-cysteine 500 mg
 MM 0024.03 **Imp. A** (EP): *L*-Cystine 100 mg
 MM 0024.02 **Imp. B** (EP): *L*-Cysteine 100 mg
 MM 0024.04 **Imp. C** (EP): *N,N'*-Diacetyl-*L*-cystine 100 mg
 MM 0024.01 **Imp. D** (EP): *N,S*-Diacetyl-*L*-cysteine 100 mg
 MM 0024.05 Sodium 2-Methyl-4,5-dihydro-1,3-thiazol-4-carboxylate 100 mg

Acetylsalicylic Acid

MM 0133.00 Acetylsalicylic Acid 500 mg
 MM 0045.01 **Imp. A** (EP): 4-Hydroxybenzoic Acid 100 mg
 MM 0045.02 **Imp. B** (EP): 4-Hydroxyisophthalic Acid 100 mg
 MM 0045.00 **Imp. C** (EP): Salicylic Acid 500 mg
 MM 0133.01 **Imp. D** (EP): Acetylsalicylsalicylic Acid 100 mg
 MM 0133.03 **Imp. E** (EP): Salicylsalicylic acid 100 mg
 MM 0133.02 **Imp. F** (EP): Acetylsalicylic Anhydride 100 mg
 MM 0133.04 2-(2,4-Dihydroxybenzoyl)benzoic Acid 100 mg

Aciclovir

MM 0061.00 Aciclovir 500 mg
 MM 0061.02 **Imp. B** (EP): 2-Amino-1,7-dihydro-6*H*-purin-6-one (*Guanine*) 100 mg
 MM 0061.07 **Imp. G** (EP): 2-[[2-(2-(Acetyl-amino)-6-oxo-1,6-dihydro-9*H*-purin-9-yl)-methoxy]ethyl] Acetate 100 mg
 MM 0061.10 2,6-Dichloropurine 100 mg

Adrenaline Tartrate

MM 0614.00 Adrenaline Tartrate 500mg
 MM 0614.01 1-(3,4-Dihydroxy)-2-methylaminoethanesulfonic acid (Adrenaline b-Sulfonate) 100 mg
 MM 0614.02 *L*-Adrenaline 500 mg

Alanine

MM 0614.00 Alanine 500 mg

Allopurinol

MM 0034.00 Allopurinol 500 mg
 MM 0034.01 **Imp. A** (EP) as Hemisulfate: 5-Amino-1*H*-pyrazole-4-carboxamide Hemisulfate 100 mg
 MM 0034.04 **Imp. C** (EP): *N*-(4*H*-1,2,4-triazol-4-yl)-1*H*-pyrazole-4-carboxamide 100 mg
 MM 0034.05 **Imp. D** (EP): Ethyl 5-Amino-1*H*-pyrazole-4-carboxylate 100 mg
 MM 0034.06 **Imp. E** (EP): Ethyl 5-(Formylamino)-1*H*-pyrazole-4-carboxylate 100 mg
 MM 0034.07 Oxypurinol 100 mg

Alverine Citrate

MM 0454.00 Alverine Citrate 250 mg



Pharmaceutical impurities

Amantadine Hydrochloride

MM 0454.00 Alverine Citrate 250 mg

Ambroxol Hydrochloride

MM 0005.00 Ambroxol Hydrochloride 500 mg
 MM 0005.01 **Imp. A** (EP): (2-Amino-3,5-dibromophenyl)methanol 100 mg
 MM 0005.04 **Imp. B** (EP) as Hydrochloride: *trans*-4-(6,8-Dibromo-1,4-dihydroquinazolin-3(2*H*)-yl)-cyclohexanol Hydrochloride 100 mg
 MM 0005.03 **Imp. C** (EP): *trans*-4-[[*(E)*-2-Amino-3,5-dibromobenzyliden]amino]cyclohexanol 100 mg
 MM 0005.05 **Imp. D** (EP) as Hydrochloride: *cis*-4-[(2-Amino-3,5-dibromobenzyl)amino]cyclohexanol Hydrochloride 100 mg
 MM 0005.02 **Imp. E** (EP): 2-Amino-3,5-dibromobenzaldehyde 100 mg
 MM 0005.06 *trans*-4-Aminocyclohexanol Hydrochloride 100 mg
 MM 0005.07 *cis*-4-Aminocyclohexanol Hydrochloride 100 mg

Amiloride Hydrochloride

MM0560.00 Amiloride Hydrochloride Dihydrate 500 mg

5-Aminosalicylic Acid

MM 0217.00 5-Aminosalicylic Acid 500 mg
 MM 0217.02 5-Acetaminosalicylic Acid 100 mg
 MM 0217.04 4-Aminophenol 100 mg

Amitriptyline Hydrochloride

MM 0062.00 Amitriptyline Hydrochloride 500 mg
 MM 0062.01 **Imp. A** (EP): Dibenzosuberone 100 mg
 MM 0062.02 **Imp. B** (EP) as Hydrochloride: Cyclobenzaprine Hydrochloride 100 mg
 MM 0079.00 **Imp. C** (EP) as Hydrochloride: Nortriptyline Hydrochloride 500 mg
 MM 0062.03 **Imp. D** (EP): 5-(3-Dimethylaminopropyl)-10,11-dihydro-5*H*-dibenzo[*a,d*]cyclohepten-5-ol 100 mg
 MM 0062.05 **Imp. F** (EP) as *cis/trans*-mixture: (*RS*)-5-(3-Dimethylaminopropyliden)-10,11-dihydro-5*H*-dibenzo[*a,d*]cyclohepten-10-ol 100 mg

Amlodipine Besilate

MM 0383.00 Amlodipine Besilate 100 mg
 MM 0383.01 **Imp. A** (EP): 3-Ethyl-5-methyl (4*RS*)-4-(2-Chlorophenyl)-2-[[2-(1,3-dioxo-1,3-dihydro-2*H*isoindol-2-yl)ethoxy]methyl]-6-methyl-1,4-dihydropyridine-3,5-dicarboxylate 100 mg
 MM 0383.04 **Imp. D** (EP): 3-Ethyl-5-methyl 2-[(2-Aminoethoxy)methyl]-4-(2-chlorophenyl)-6-methylpyridine-3,5-dicarboxylate 100 mg
 MM 0230.06 Amlodipine 100 mg
 MM 0383.05 Benzoisulfonic acid 100 mg

Amlodipine Maleate

MM 0631.00 Amlodipine Maleate 100 mg

Amodiaquine Dihydrochloride Dihydrate

MM 0617.00 Amodiaquine Dihydrochloride Dihydrate 500 mg
 MM0617.03 4,7-Dichloroquinoline 100 mg

Amoxicillin Trihydrate

MM 0232.00 Amoxicillin Trihydrate 500 mg
 MM 0026.04 **Imp. A** (EP): 6-Aminopenicillanic Acid 100 mg
 MM 0232.03 **Imp. C** (EP): Amoxicillin Diketopiperazine 100 mg
 MM 0232.04 **Imp. D** (EP): as Sodium Salts Penicilloic Acids of Amoxicillin Sodium Salt 100 mg
 MM 0232.05 **Imp. E** (EP): Penicilloic Acids of Amoxicillin 100 mg
 MM 0232.06 **Imp. F** (EP): 3-(4-Hydroxyphenyl)pyrazin-2-ol 100 mg
 MM 0232.08 **Imp. H** (EP): (2*R*)-2-[(2,2-Dimethylpropanoyl)amino]-2-(4-hydroxyphenyl)acetic acid 100 mg
 MM 0232.09 **Imp. I** (EP): (2*R*)-2-Amino-2-(4-hydroxyphenyl)acetic acid 100 mg
 MM 0232.12 (2*R*)-2-Amino-2-(4-hydroxyphenyl)acetamide 100 mg

Ampicillin

MM 0253.00 Ampicillin Sodium 500 mg
 MM 0026.04 **Imp. A** (EP): 6-Aminopenicillanic Acid 100 mg
 MM 0253.03 **Imp. C** (EP): Ampicillin Diketopiperazine 100 mg
 MM 0253.06 **Imp. F** (EP): Penicilloic Acids of Ampicillin 100 mg
 MM 0253.08 **Imp. H** (EP): 3-Phenylglycine 100 mg
 MM 0253.12 **Imp. L** (EP): (2*R*)-2-Amino-2-phenylacetic Acid (*D*-Phenylglycine) 100 mg
 MM 0253.15 Ampicillin Trihydrate 500 mg
 MM 0253.16 Ampicillin, anhydrous 500 mg

Androstanolone

MM 0565.00 Androstanolone 250 mg

Pharmaceutical impurities



Anise Oil

MM 0164.01	<i>trans</i> -Anethole	100 mg
MM 0164.02	Estragole	100 mg
MM 0164.03	Anise Aldehyde	100 mg
MM 0164.05	Linalol	100 mg
MM 0164.06	<i>cis</i> -Anethole	100 mg

Antazoline Hydrochloride

MM 0171.00	Antazoline Hydrochloride	500 mg
MM 0171.01	Imp. A (EP) as Dihydrochloride: <i>N</i> -(2-Aminoethyl)-2-[(benzyl)(phenyl)amino]acetamide Dihydrochloride	100 mg
MM 0171.02	2-Chloromethyl-D ² imidazole	100 mg
MM 0171.03	<i>N</i> -Benzylaniline	100 mg

Antazoline Phosphate

MM 0561.00	Antazoline Phosphate	500 mg
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Apomorphine Hydrochloride

MM 0562.00	Apomorphine Hydrochloride Hemihydrate	250 mg
MM 0562.02	Imp. B (EP) as Hydrochloride: Morphine Hydrochloride Trihydrate Controlled Substance	250 mg

Aprindine Hydrochloride

MM 0467.00	Aprindine Hydrochloride	100 mg
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Arginine

MM 0568.00	Arginine	500 mg
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Arginine Hydrochloride

MM 0569.00	Arginine Hydrochloride	500 mg
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Articaine Hydrochloride

MM 0369.00	Articaine Hydrochloride	100 mg
MM 0369.01	Imp. A (EP) as Hydrochloride: Acetamidarticaine Hydrochloride	100 mg
MM 0369.02	Imp. B (EP) as Hydrochloride: Articaine acid Hydrochloride	50 mg
MM 0369.03	Imp. C (EP) as Hydrochloride: Articaine Isopropyl Ester Hydrochloride	100 mg
MM 0369.04	Imp. D (EP) as Hydrochloride: Ethylarticaine Hydrochloride	100 mg
MM 0369.05	Imp. E (EP) as Hydrochloride: Isopropylarticaine Hydrochloride	100 mg
MM 0369.06	Imp. F (EP) as Hydrochloride: Articaine acid Propionamide Hydrochloride	50 mg
MM 0369.07	Imp. G (EP) as Hydrochloride: Butylarticaine Hydrochloride	100 mg
MM 0369.09	Imp. H (EP) as Hydrochloride: Dipropylarticaine Hydrochloride	100 mg
MM 0369.09	Imp. I (EP): Methyl 3-Amino-4-methylthiophene-2-carboxylate	100 mg
MM 0369.10	Imp. J (EP): Methyl 3-[(2 <i>RS</i>)-2-Bromopropanoyl]amino]-4-methylthiophene-2-carboxylate	100 mg

Ascorbic Acid

MM 0166.00	L-Ascorbic Acid	500 mg
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Aspartame

MM 0314.00	Aspartame	500 mg
MM 0314.01	Imp. A (EP): 2-(5-Benzyl-3,6-dioxopiperazin-2-yl)acetic acid	100 mg
MM 0314.02	Imp. B (EP): L-Aspartyl-L-phenylalanine	100 mg
MM 0314.03	Imp. C (EP): Phenylalanine	100 mg

Aspartic Acid

MM 0567.00	Aspartic acid	500 mg
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Astemizole

MM 0184.00	Astemizole	250 mg
MM 0184.01	Desmethyl Astemizole	100 mg

Atenolol

MM 0013.00	Atenolol	500 mg
MM 0013.03	Imp. A (EP): 2-(4-Hydroxyphenyl)acetamide	100 mg
MM 0013.05	Imp. B (EP): 2-[4-(2,3-Dihydroxypropoxy)phenyl]acetamide	100 mg
MM 0013.01	Imp. C (EP): 2-[4-(2,3-Epoxypropoxy)phenyl]acetamide	100 mg
MM 0013.06	Imp. D (EP): 2-[4-(3-Chloro-2-hydroxypropoxy)phenyl]acetamide	50 mg
MM 0013.07	Imp. E (EP): 4,4'-(2-Hydroxy-1,3-propanedioldioxy)bis(2-phenylacetamide)	50 mg
MM 0013.02	Imp. F (EP): 4,4'-[Isopropyl-3,3'-iminobis(2-hydroxypropoxy)]-bis(2-phenylacetamide)	50 mg
MM 0013.04	Imp. G (EP): 4-(2-Hydroxy-3-isopropylaminopropoxy)phenylacetic Acid	50 mg
MM 0013.08	Imp. H (EP): 4-(2-Hydroxy-3-isopropylaminopropoxy)phenylacetoneitrile	100 mg
MM 0013.13	4-Hydroxyphenylacetic Acid	100 mg

Atropine Sulphate

MM 0289.00	Atropine Sulphate	500 mg
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Pharmaceutical impurities

Azelastine Hydrochloride

MM 0362.00 Azelastine Hydrochloride 100 mg

Beclometasone Dipropionate

MM 0199.00 Beclometasone Dipropionate 250 mg

MM 0199.03 Beclometasone 100 mg

Benazepril

MM 0274.00 Benazepril 100 mg

MM 0274.01 Benazeprilat 100 mg

Benperidol

MM 0113.00 Benperidol 100 mg

MM 0113.07 4-Chloro-4'-fluorobutyrophenone 100 mg

Benzalkonium Chloride

MM 0224.00 Benzalkonium Chloride 500 mg

MM 0224.01 Benzyldimethyldodecylammonium Chloride 500 mg

MM 0224.02 Benzyldimethyltetradecylammonium Chloride 500 mg

MM 0224.03 Benzyldimethylhexadecylammonium Chloride 500 mg

Benzbromarone

MM 0456.00 Benzbromarone 500 mg

Benzocaine

MM 0094.00 Benzocaine 500 mg

MM 0094.01 Benzocaine Acetylsalicylamide 100 mg

MM 0094.02 N-Acetylbenzocaine 100 mg

MM 0094.03 4-Aminobenzoic Acid 100 mg

MM 0094.04 Ethyl 4-Nitrobenzoate 100 mg

Benzydamine Hydrochloride

MM 0142.00 Benzydamine Hydrochloride 500 mg

MM 0142.05 Imp. D (BP) as Hydrochloride: 1-Chloropropyl(dimethyl)amine Hydrochloride 100 mg

MM 0142.01 Benzydamine N-Oxide 100 mg

Benzyl Benzoate

MM 0570.00 Benzyl Benzoate 500 mg

Benzyl Nicotinate

MM 0104.00 Benzyl Nicotinate 500 mg

MM 0104.01 Nicotinic acid 500 mg

Benzylpenicillin Benzathine

MM 0513.00 Benzylpenicillin Benzathine 500 mg

MM 5130.02 Imp. A (EP): Monobenzylethylenediamine 100 mg

MM 0513.03 Imp. B (EP): Phenylacetic acid 100 mg

MM 0513.04 Imp. D (EP): Penillic acid of Benzylpenicillin 100 mg

MM 0513.05 Imp. E (EP): Penicilloic acids of Benzylpenicillin 100 mg

MM 0513.06 Imp. F (EP): Penilloic acids of Benzylpenicillin 100 mg

MM 0513.01 N,N'-Dibenzylethylenediamine Diacetate 100 mg

Benzylpenicillin Potassium

MM 0160.00 Benzylpenicillin Potassium 250 mg

MM 0026.04 Imp. A (EP): 6-Aminopenicillanic Acid 100 mg

MM 0160.03 Imp. B (EP): Phenylacetic Acid 100 mg

MM 0160.07 Imp. D (EP): Penillic Acid of Benzylpenicillin 100 mg

MM 0160.01 Imp. E (EP): Penicilloic Acids of Benzylpenicillin 100 mg

MM 0160.05 Imp. F (EP): Penilloic Acids of Benzylpenicillin 100 mg

Betamethasone

MM 0200.00 Betamethasone 250 mg

MM 0213.00 Imp. A (EP): Dexamethasone 250 mg

MM 0200.01 Imp. B (EP): 21-Chloro-9-fluoro-11b,17-dihydroxy-16b-methylpregna-1,4-diene-3,20-dione (*Clobetasol*) 100 mg

Betamethasone Acetate

MM 0201.00 Betamethasone Acetate 250 mg

MM 0200.00 Imp. A (EP): Betamethasone 250 mg

MM 0201.02 Imp. B (EP): Dexamethasone 21-Acetate 100 mg

MM 0201.03 Imp. C (EP): Betamethasone 11,21-Diacetate 100 mg

Pharmaceutical impurities



Betamethasone Dipropionate

MM 0202.00 Betamethasone Dipropionate 250 mg

Betamethasone Sodium Phosphate

MM 0303.00 Betamethasone Sodium Phosphate 250 mg

Betamethasone 17-Valerate

MM 0203.00 Betamethasone 17-Valerate 250 mg

Betaxolol Hydrochloride

MM 0436.00 Betaxolol Hydrochloride 100 mg

Bezafibrate

MM 0063.00 Bezafibrate 500 mg
 MM 0063.01 **Imp. A** (EP): *N*-(4-Chlorobenzoyl)tyramine 100 mg
 MM 0063.03 **Imp. B** (EP): 4-Chlorobenzoic Acid 100 mg
 MM 0063.04 **Imp. C** (EP): Methyl 2-[4-[2-[(4-chlorobenzoyl)amino]ethyl]phenoxy]-2-methylpropionate 100 mg
 MM 0063.02 **Imp. D** (EP): Ethyl 2-[4-[2-[(4-chlorobenzoyl)amino]ethyl]phenoxy]-2-methylpropionate 100 mg
 MM 0063.05 **Imp. E** (EP): Butyl 2-[4-[2-[(4-chlorobenzoyl)amino]ethyl]phenoxy]-2-methylpropionate 100 mg
 MM 0063.06 Tyramine 100 mg
 MM 0063.07 *N,O*-Bis-(4-chlorobenzoyl)tyramine 100 mg

Bifonazole

MM 0318.00 Bifonazole 500 mg
 MM 0318.01 **Imp. A** (EP): (*RS*)-Biphenyl-4-yl)phenylmethanol 100 mg
 MM 0015.02 **Imp. C** (EP): 1*H*-Imidazole 100 mg

Bisacodyl

MM 0031.00 Bisacodyl 500 mg
 MM 0031.01 4,4'-(2-Pyridinylmethylene)bisphenol 100 mg
 MM 0031.02 4,4'-(2-Pyridinylmethylene)bisphenol 4-Acetate 100 mg
 MM 0031.03 2,4'-(2-Pyridinylmethylene)bisphenol Diacetate 100 mg
 MM 0031.04 2,4'-(2-Pyridinylmethylene)bisphenol 100 mg
 MM 0054.01 Sodium 4-[(4-Hydroxyphenyl)-(2-pyridinyl)methyl]phenyl Hydrogensulphate 100 mg
 MM 0054.02 Disodium 2,4'-(2-Pyridinylmethylene)bisphenyl Bis(hydrogensulphate) 100 mg

Benzylpenicillin Potassium

MM 0160.00 Benzylpenicillin Potassium 250 mg
 MM 0160.11 **Imp. A** (EP): 6-Aminopenicillanic acid 100 mg
 MM 0160.03 **Imp. B** (EP): Phenylacetic acid **Controlled Substance** 100 mg
 MM 0160.07 **Imp. D** (EP): Penillic acid of Benzylpenicillin 100 mg
 MM 0160.01 **Imp. E** (EP): Penicilloic acids of Benzylpenicillin 100 mg
 MM 0160.05 **Imp. F** (EP): Penilloic acids of Benzylpenicillin 100 mg

Betahistidine Dihydrochloride

MM 0587.00 Betahistidine Dihydrochloride 500 mg
 MM 0587.01 **Imp. A** (Pharmeuropa): 2-Ethenylpyridine 100 mg
 MM 0587.02 **Imp. B** (Pharmeuropa): 2-(2-Hydroxyethyl)pyridine 100 mg
 MM 0587.03 **Imp. C** (Pharmeuropa) as Trihydrochloride: *N*-Methyl-*N,N*-bis-2-(2-pyridinylethyl)amine Trihydrochloride 100 mg
 MM 0587.04 **Imp. C** (Pharmeuropa) as Trimesylate: *N*-Methyl-*N,N*-bis-2-(2-pyridinylethyl)amine Trimesylate 100 mg

Betaine Hydrochloride

MM 0611.00 Betaine Hydrochloride 500 mg

Betamethasone

MM 0200.00 Betamethasone 250 mg
 MM 0200.11 **Imp. A** (EP): Dexamethasone 250 mg
 MM 0200.01 **Imp. B** (EP): 21-Chloro-9-fluoro-11b,17-dihydroxy-16b-methylpregna-1,4-diene-3,20-dione (*Clobetasol*) 100 mg

Betamethasone Acetate

MM 0201.00 Betamethasone Acetate 250 mg
 MM 0201.05 **Imp. A** (EP): Betamethasone 250 mg
 MM 0201.02 **Imp. B** (EP): Dexamethasone 21-Acetate 100 mg
 MM 0201.03 **Imp. C** (EP): Betamethasone 11,21-Diacetate 100 mg

Betamethasone Dipropionate

MM 0202.00 Betamethasone Dipropionate 250 mg

Betamethasone Sodium Phosphate

MM 0303.00 Betamethasone Sodium Phosphate 250 mg



Pharmaceutical impurities

Betamethasone 17-Valerate

MM 0203.00 Betamethasone 17-Valerate 250 mg

Betaxolol Hydrochloride

MM 0436.00 Betaxolol Hydrochloride 100 mg

Bezafibrate

MM 0063.00 Bezafibrate 500 mg
 MM 0063.01 **Imp. A** (EP): *N*-(4-Chlorobenzoyl)tyramine 100 mg
 MM 0063.03 **Imp. B** (EP): 4-Chlorobenzoic acid 100 mg
 MM 0063.04 **Imp. C** (EP): Methyl 2-[4-[2-[(4-chlorobenzoyl)amino]ethyl]phenoxy]-2-methylpropionate 100 mg
 MM 0063.02 **Imp. D** (EP): Ethyl 2-[4-[2-[(4-chlorobenzoyl)amino]ethyl]phenoxy]-2-methylpropionate 100 mg
 MM 0063.05 **Imp. E** (EP): Butyl 2-[4-[2-[(4-chlorobenzoyl)amino]ethyl]phenoxy]-2-methylpropionate 100 mg
 MM 0063.06 Tyramine 100 mg
 MM 0063.07 *N*,*O*-Bis-(4-chlorobenzoyl)tyramine 100 mg

Bifonazole

MM 0318.00 Bifonazole 500 mg
 MM 0318.01 **Imp. A** (EP): (*RS*)-Biphenyl-4-yl)phenylmethanol 100 mg
 MM 0318.04 **Imp. C** (EP): 1*H*-Imidazole 100 mg
 MM 0318.03 **Imp. D** (EP) as Chloride: 1,3-Bis[(biphenyl-4-yl)phenylmethyl]-1*H*imidazolium Chloride 100 mg

Bisacodyl

MM 0031.00 Bisacodyl 500 mg
 MM 0031.01 4,4'-(2-Pyridinylmethylene)bisphenol 100 mg
 MM 0031.02 4,4'-(2-Pyridinylmethylene)bisphenol 4-Acetate 100 mg
 MM 0031.03 2,4'-(2-Pyridinylmethylene)bisphenol Diacetate 50 mg
 MM 0031.04 2,4'-(2-Pyridinylmethylene)bisphenol 50 mg
 MM 0031.05 Sodium 4-[(4-Hydroxyphenyl)-(2-pyridinyl)methyl]phenyl Hydrogensulphate 100 mg
 MM 0031.06 Disodium 2,4'-(2-Pyridinylmethylene)bisphenyl Bis(hydrogensulphate) 50 mg

Bisoprolol

MM 0460.00 Bisoprolol 100 mg
 MM 0460.08 Bisoprolol Fumarate 100 mg
 MM 0460.01 1-[4-(Hydroxymethyl)phenoxy]-3-isopropylamino-2-propanol 100 mg
 MM 0460.02 4-(2-Isopropoxy-ethoxymethyl)phenol 100 mg
 MM 0460.03 2-[4-(2-Isopropoxy-ethoxymethyl)phenoxy]methyl]oxirane 100 mg
 MM 0460.09 4-[(2*RS*)-2-Hydroxy-3-(isopropylamino)propoxy]benzaldehyde 100 mg
 MM 0460.05 1-[4-(2-Methoxy-ethoxymethyl)phenoxy]-3-isopropylamino-2-propanol 100 mg
 MM 0460.06 4-Hydroxybenzyl alcohol 100 mg
 MM 0460.10 Fumaric acid 100 mg

Bromazepam

MM 0064.00 Bromazepam **Controlled substance** 100 mg
 MM 0064.01 **Imp. A** (EP): (2-Amino-5-bromophenyl)(2-pyridyl)ketone 100 mg

Bromhexine Hydrochloride

MM 0065.00 Bromhexine Hydrochloride 500 mg
 MM 0065.06 **Imp. A** (EP): (2-Amino-3,5-dibromophenyl)methanol 100 mg
 MM 0065.07 **Imp. B** (EP): 2-Amino-3,5-dibromobenzaldehyde 100 mg
 MM 0065.02 **Imp. C** (EP): *N*-(2-Aminobenzyl)-*N*-methylcyclohexanamine 100 mg
 MM 0065.03 **Imp. D** (EP) as Dihydrochloride: *N*-(2-Amino-5-bromobenzyl)-*N*-methylcyclohexanamine Dihydrochloride 100 mg
 MM 0065.01 *N*-(2-Nitrobenzyl)-*N*-cyclohexyl-*N*-methylamine 100 mg
 MM 0065.02 *N*-(2-Aminobenzyl)-*N*-cyclohexyl-*N*-methylamine 100 mg

Brompheniramine

MM 0271.00 Brompheniramine 100 mg

Brompheniramine Maleate

MM 0060.00 Brompheniramine Maleate 500 mg
 MM 0060.06 **Imp. A** (EP): Chlorphenamine (USP: *Chlorpheniramine*) 100 mg
 MM 0060.07 **Imp. B** (EP): Dexchlorpheniramine 100 mg
 MM 0059.00 **Imp. C** (EP): Pheniramine 100 mg

Bufexamac

MM 0179.00 Bufexamac 500 mg
 MM 0179.01 **Imp. A** (EP): 2-(4-Butoxyphenyl)acetic Acid 100 mg
 MM 0179.02 **Imp. B** (EP): Methyl 2-(4-Butoxyphenyl)acetate 100 mg
 MM 0179.03 **Imp. C** (EP): Butyl 2-(4-Butoxyphenyl)acetate 100 mg
 MM 0179.04 **Imp. D** (EP): 2-(4-Butoxyphenyl)acetamide 100 mg
 MM 0179.05 4'-Butoxyacetophenone 100 mg
 MM 0179.06 Ethyl 2-(4-Butoxyphenyl)acetate 100 mg

Pharmaceutical impurities



Buflomedil Hydrochloride

MM 0066.00	Buflomedil Hydrochloride	500 mg
MM 0066.01	Imp. A (EP) as Hydrochloride: <i>o</i> -Desmethyl-Buflomedil Hydrochloride	100 mg
MM 0066.02	Imp. B (EP) as Hydrochloride: <i>p</i> -Desmethyl-Buflomedil Hydrochloride	100 mg
MM 0066.03	4-(1-Pyrrolidino)butyronitrile	100 mg
MM 0066.05	1,3,5-Trimethoxybenzen	100 mg

Bupivacaine Hydrochloride

MM 0613.00	Bupivacaine Hydrochloride	500 mg
MM 0613.06	Imp. F (EP): 2,6-Dimethylaniline	100 mg

Buspirone Hydrochloride

MM 0464.00	Buspirone Hydrochloride	500 mg
MM 0464.08	Imp. H (EP): 8-Azaspiro[4,5]decane-7,9-dione	100 mg

Butemate Citrate

MM 0606.00	Butetamate Citrate	500 mg
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Butyl Parahydroxybenzoate

MM 0496.00	Butyl Parahydroxybenzoate	500 mg
MM 0045.01	Imp. A (EP): 4-Hydroxybenzoic Acid	100 mg
MM 0431.00	Imp. B (EP): Methyl Parahydroxybenzoate	500 mg
MM 0498.00	Imp. C (EP): Ethyl Parahydroxybenzoate	500 mg
MM 0432.00	Imp. D (EP): Propyl Parahydroxybenzoate	500 mg

Caffeine

MM 0494.00	Caffeine	500 mg
MM 0494.01	Imp. A (EP): Theophylline	500 mg
MM 0494.02	Imp. B (EP): <i>N</i> -[6-Amino-1,3-dimethyl-2,4(1 <i>H</i> ,3 <i>H</i>)-dioxypyrimidin-5-yl]formamide	100 mg
MM 0494.03	Imp. C (EP): Isocaffeine	50 mg
MM 0494.04	Paraxanthine	50 mg

Captopril

MM 0067.00	Captopril	500 mg
MM 0067.01	Imp. A (EP): Captopril Disulphide	100 mg
MM 0067.02	3-Mercapto-2-methylpropionic Acid	100 mg
MM 0067.03	Captopril Ethyl Ester	100 mg
MM 0067.04	(<i>S</i>)-(-)-3-Acetylthio-2-methylpropionic Acid	100 mg
MM 0067.05	1-[(2 <i>S</i>)-3-Acetylthio-2-methylpropanoyl]-L-proline Hydrate	100 mg

Carbamazepine

MM 0076.00	Carbamazepine	250 mg
MM 0076.04	Imp. A (EP): 10,11-Dihydrocarbamazepine	100 mg
MM 0076.09	Imp. B (EP): 9-Methylacridine	100 mg
MM 0076.08	Imp. D (EP): Iminostilbene	100 mg
MM 0076.06	Imp. E (EP): Iminodibenzyl	100 mg
MM 0076.03	10,11-Biscarbamazepine	100 mg
MM 0076.10	10-Hydroxy-10,11-dihydrocarbamazepine	100 mg
MM 0076.17	Oxcarbapazine	100 mg

Carbocysteine

MM 0236.00	(<i>S</i>)-Carboxymethyl- <i>L</i> -cysteine	500 mg
MM 0236.01	(<i>S</i>)-Carboxymethyl- <i>L</i> -cysteine-(<i>R/S</i>)-sulfoxide	100 mg
MM 0236.02	Lactam of (<i>S</i>)-Carboxymethyl- <i>L</i> -cysteine	100 mg
MM 0236.03	<i>L</i> -Cysteine sulfinic acid	100 mg

Carbendazim

MM 2500.01	2,3-Diaminophenazine	100 mg
MM 2500.02	2-Amino-3-hydroxyphenazine	100 mg

Carteolol Hydrochloride

MM 0437.00	Carteolol Hydrochloride	100 mg
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Carvedilol

MM 0291.00	Carvedilol	100 mg
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Cefaclor

MM 0326.00	Cefaclor Monohydrate	100 mg
MM 0326.07	Imp. A (EP): <i>D</i> -Phenylglycine	100 mg
MM 0326.08	Imp. F (EP): 3-Phenyl-pyrazin-2-ol	100 mg
MM 0326.06	Imp. H (EP): <i>N</i> -Phenylglycyl Cefaclor	50 mg



Pharmaceutical impurities

Cefalexin Monohydrate

MM 0605.00	Cefalexin Monohydrate	500 mg
MM 0605.01	Imp. A (EP): D-Phenylglycine	100 mg

Cefazolin Sodium

MM 0238.00	Cefazolin Sodium	100 mg
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Celecoxib

MM 0344.00	Celecoxib	on request
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Celiprolol Hydrochloride

MM 0128.00	Celiprolol Hydrochloride	100 mg
MM 0128.01	Imp. A (Pharmeuropa): 3-Acetyl-4-(2-hydroxy-3- <i>tert</i> -butylaminopropoxy)aniline	100 mg
MM 0128.10	Imp. D (Pharmeuropa): 3-[3-Acetyl-4-(3-bromo-2-hydroxypropoxy)phenyl]-1,1-diethyl Urea	100 mg
MM 0128.05	Imp. E (Pharmeuropa): 3,3'- <i>Tert</i> -butyliminobis-{1-[4-(1,1-diethyl-3-ureido)-3-acetyl-phenoxy]-propan-2-ol}	50 mg
MM 0128.07	Imp. F (Pharmeuropa): 3-(3-Acetyl-4-hydroxyphenyl)-1,1-diethylurea	100 mg
MM 0128.06	Imp. G (Pharmeuropa): 3-[3-Acetyl-4-(2,3-epoxypropoxy)phenyl]-1,1-diethyl Urea	100 mg
MM 0128.04	Imp. H (Pharmeuropa): 3-[3-Acetyl-4-(3-bromo-2-hydroxypropoxy)phenyl]-1,1-diethylurea	100 mg
MM 0128.11	3-Acetyl-4-hydroxyaniline Hydrochloride	100 mg
MM 0128.58	5-Acetamido-2-hydroxyacetophenone	100 mg

Cetirizine Dihydrochloride

MM 0380.00	Cetirizine Dihydrochloride	100 mg
MM 0380.01	Imp. A (EP): (<i>RS</i>)-1-[(4-Chlorophenyl)phenylmethyl]piperazine	100 mg
MM 0380.02	Imp. B (EP) as Dihydrochloride: (<i>RS</i>)-2-[4-[(4-Chlorophenyl)phenylmethyl]piperazin-1-yl]acetic Acid Dihydrochloride	100 mg
MM 0380.03	Imp. C (EP) as Dihydrochloride: (<i>RS</i>)-2-[2-[4-[(2-Chlorophenyl)phenylmethyl]piperazin-1-yl]ethoxy]acetic Acid Dihydrochloride	100 mg
MM 0380.04	Imp. D (EP): Bis-[(4-Chlorophenyl)phenylmethyl]piperazine	100 mg
MM 0380.05	Imp. E (EP) as Dihydrochloride: (<i>RS</i>)-2-[2-[2-[4-[(4-Chlorophenyl)phenylmethyl]-piperazin-1-yl]ethoxy]ethoxy]acetic Acid Dihydrochloride	100 mg
MM 0380.06	Imp. F (EP) as Dihydrochloride: (<i>RS</i>)-2-[2-[4-[diphenylmethyl]piperazin-1-yl]-ethoxy]acetic Acid Dihydrochloride	100 mg
MM 0380.07	Ethyl Ester of Cetirizine	100 mg
MM 0380.08	Isopropyl Ester of Cetirizine	100 mg
MM 0380.09	4-Chlorobenzhydrol	100 mg
MM 0380.10	4-Chlorobenzophenone	100 mg
MM 0380.11	2-[4-[(4-Chlorophenyl)phenylmethyl]-piperazin-1-yl]ethanol Dihydrochloride	100 mg

Chloramphenicol

MM 0516.00	Chloramphenicol	500 mg
MM 0516.01	(D)-(-)-Threo-2-amino-1-(4-nitrophenyl)-1,3-propanediol	100 mg

Chlorhexidine Diacetate

MM 0162.00	Chlorhexidine Diacetate	500 mg
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Chlormezanone

MM 0017.00	Chlormezanone	500 mg
MM 0017.02	2-(4-Chlorophenyl)-3-methylperhydro-1,3-thiazin-4-one	100 mg
MM 0017.03	4-Chlorobenzaldehyde	100 mg

Chlorobutanol Hemihydrate

MM 0535.00	Chlorobutanol Hemihydrate	500 mg
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Chlorocresol

MM 0459.00	Chlorocresol	500 mg
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Chlorphenamine Maleate

MM 0090.00	Chlorphenamine Maleate	500 mg
MM 0060.06	Chlorphenamine	100 mg

Chlorpromazine Hydrochloride

MM 0420.00	Chlorpromazine Hydrochloride	500 mg
MM 0420.01	Chlorpromazine Sulfoxide	100 mg

Chlorquinaldol

MM 0390.00	Chlorquinaldol	500 mg
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Chlortalidone

MM0297.00	Chlortalidone	250 mg
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Pharmaceutical impurities



Chlortetracycline Hydrochloride

MM 0607.00	Chlortetracycline Hydrochloride	500 mg
MM 0607.02	Imp. B (EP) as Hydrochloride: Demeclocycline Hydrochloride	250 mg
MM 0607.03	Tetracycline Hydrochloride	500 mg

Cimetidine Hydrochloride

MM 0020.00	Cimetidine	500 mg
MM 0020.03	Imp. C (EP) as Dihydrochloride: Cimetidine Amide Dihydrochloride	100 mg
MM 0020.06	Imp. D (EP): 1-Methyl-3-[2-(5-methyl-4-imidazolylmethylthio)ethyl]guanidine	100 m
MM 0020.04	Imp. E (EP): Cimetidine Sulphoxide	100 mg
MM 0056.01	Cyanoguanidine	100 mg
MM 0020.07	S,S'-Bis-[2-(N''-cyano--methyl)-guanidino-N'-ethyl] Disulfide	100 mg
MM 0020.10	Dimethylcyanoguanidine	100 mg
MM 0020.50	2-(5-Methyl-4-imidazolylmethylthio)-ethylamine Dihydrobromide	100 mg

Cinchocaine Hydrochloride

MM 0604.00	Cinchocaine Hydrochloride	500 mg
MM 0604.02	Imp. B (EP): 2-Hydroxyquinoline-4-carboxylic acid	100 mg

Ciprofloxacin

MM 0018.06	Ciprofloxacin Hydrochloride Monohydrate	500 mg
MM 0018.01	Imp. A (EP): 7-Chloro-1-cyclopropyl-6-fluoro-4-oxo-1,4-dihydroquinoline-3-carboxylic Acid	100 mg
MM 0018.05	Imp. B (EP): 1-Cyclopropyl-4-oxo-7-(piperazin-1-yl)-1,4-dihydro-quinoline-3-carboxylic Acid	100 mg
MM 0018.03	Imp. E (EP): 1-Cyclopropyl-6-fluoro-7-(piperazin-1-yl)-quinolin-4(1 <i>H</i>)-one	100 mg

Citric Acid Monohydrate

MM 0575.00	Citric acid Monohydrate	500 mg
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Clarithromycin

MM 0057.00	Clarithromycin	on request
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Clioquinol

MM 0312.00	Clioquinol	500 mg
MM 0312.01	5-Chloro-8-hydroxyquinoline	100 mg
MM 0312.02	5,7-Dichloro-8-hydroxyquinoline	100 mg
MM 0312.03	5,7-Diiodo-8-hydroxyquinoline	100 mg

Clobenzorex Hydrochloride

MM 0649.00	Clobenzorex Hydrochloride	500 mg
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Clobetasone Butyrate

MM 0207.00	Clobetasone Butyrate	100 mg
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Clobutinol Hydrochloride

MM 0038.00	Clobutinol Hydrochloride	500 mg
MM 0038.01	1-Dimethylamino-2-methylbutan-3-one	100 mg

Clomifene Citrate

MM 0650.00	Clomifene Citrate	250 mg
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Clomipramine Hydrochloride

MM 0545.00	Clomipramine Hydrochloride	500 mg
MM 0545.02	Imp. B (EP) as Hydrochloride: Imipramine Hydrochloride	500 mg
MM 0545.05	Imp. E (EP): Iminodibenzyl	100 mg

Chlortalidone

MM 0297.00	Chlortalidone	250 mg
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Clotrimazole

MM 0015.00	Clotrimazole	500 mg
MM 0015.01	Imp. A (Pharmeuropa): (2-Chlorophenyl)diphenylmethanol	100 mg
MM 0015.03	Imp. C (Pharmeuropa): (2-Chlorophenyl)diphenylchloromethane	100 mg
MM 0015.02	Imp. D (Pharmeuropa): Imidazole	100 mg
MM 0015.06	Imp. E (Pharmeuropa): 2-Chlorobenzophenone	100 mg
MM 0015.04	(2-Chlorophenyl)diphenylmethane	100 mg
MM 0015.05	(2-Chlorophenyl)diphenylmethylether	100 mg
MM 0015.07	(2-Chlorophenyl)phenyldichloromethane	100 mg
MM 0015.08	(2-Chlorophenyl)trichlormethane	100 mg
MM 0015.09	1-[(2-Chlorophenyl)diphenylmethyl]-1 <i>H</i> -pyrazole	100 mg

Cloxiquine

MM 0391.00	Cloxiquine	500 mg
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Pharmaceutical impurities

Clozapine

MM 0480.00	Clozapine	100 mg
MM 0480.01	Imp. A (EP): 8-Chloro-5,10-dihydro-11 <i>H</i> -dibenzo[<i>b,e</i>][1,4]diazepin-11-one	100 mg
MM 0480.03	Imp. C (EP): 8-Chloro-11-(piperazin-1-yl)-5 <i>H</i> -dibenzo[<i>b,e</i>][1,4]diazepine	100 mg

Codeine

MM 0442.00	Codeine Phosphate Hemihydrate Controlled Substance	100 mg
MM 0004.00	Codeine Monohydrate Controlled Substance	100 mg
MM 0004.01	Codeine <i>N</i> -Oxide Controlled Substance	250 mg
MM 0004.02	Codeinone	100 mg
MM 0004.03	<i>O</i> -Methylcodeine Controlled Substance	100 mg
MM 0004.04	Codeimethine	100 mg
MM 0004.05	Norcodeine Controlled Substance	100 mg
MM 0004.06	Acetylcodeine Controlled Substance	100 mg
MM 0004.07	Pseudocodeine	100 mg
MM 0004.08	Isocodeine Controlled Substance	100 mg
MM 0037.01	Pseudomorphine	100 mg
MM 0037.02	Dimethyl Pseudomorphine	100 mg

Cortisone

MM 0214.00	Cortisone	500 mg
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Cortisone Acetate

MM 0186.00	Cortisone Acetate	500 mg
MM 0187.00	Imp. A (EP): Hydrocortisone Acetate	500 mg

Cyclopentolate Hydrochloride

MM 0580.00	Cyclopentolate Hydrochloride	500 mg
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Cynarine

MM 0048.01	Caffeic Acid	100 mg
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Cyproheptadine Hydrochloride

MM 0609.00	Cyproheptadine Hydrochloride Sesquihydrate	500 mg
MM 0609.02	Imp. B (EP): Dibenzosuberone	100 mg

Cyproterone Acetate

MM 0215.00	Cyproterone Acetate	250 mg
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Demeclocycline Hydrochloride

MM 0636.00	Demeclocycline Hydrochloride	250 mg
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Desimipramine Hydrochloride

MM 0589.00	Desipramine Hydrochloride	250 mg
MM 0589.02	Imipramine Hydrochloride	500 mg
MM 0589.03	Iminodibenzyl	100 mg

Dexamethasone

MM 0213.00	Dexamethasone	250 mg
MM 0213.02	Betamethasone	250 mg
MM 0213.01	9a-Fluor-11b, 17a, 21-trihydroxy-16a-methylpregn-4-ene-3,20 dione	100 mg

Dexamethasone Sodium Phosphate

MM 0210.00	Dexamethasone Sodium Phosphate	250 mg
MM 0213.00	Imp. A (EP): Dexamethasone	250 mg
MM 0303.00	Imp. B (EP): Betamethasone Sodium Phosphate	250 mg

Dextromethorphan Hydrobromide

MM 0033.00	Dextromethorphan Hydrobromide Monohydrate	500 mg
MM 0033.05	(+)-3-Methoxymorphinan	100 mg
MM 0033.09	Imp. B (EP) as (<i>D</i>)-Tartrate: <i>ent</i> -17-Methylmorphinan-3-ol (<i>D</i>)-tartrate	100 mg
MM 0033.02	Imp. C (EP): <i>ent</i> -3-Methoxy-17-methylmorphinan-10-one	100 mg
MM 0033.04	Dextromethorphan <i>N</i> -Oxide	100 mg

Dextropropoxyphene

MM 0098.00	Dextropropoxyphene Controlled Substance	100 mg
MM 0098.01	Dextropropoxyphene Hydrochloride Controlled Substance	100 mg

Diazepam

MM 0023.00	Diazepam Controlled Substance	100 mg
MM 0023.01	5-Chloro-2-(methylamino)benzophenone	100 mg
MM 0023.02	7-Chloro-5-phenyl-1 <i>H</i> -1,4-benzodiazepin-2(3 <i>H</i>)-one (<i>Nordazepam</i>) Controlled Substance	100 mg

Pharmaceutical impurities



Diclofenac Sodium

MM 0006.00	Diclofenac Sodium	500 mg
MM 0006.01	Imp. A (EP): 1-(2,6-Dichlorophenyl)indolin-2-one	100 mg
MM 0006.03	Imp. B (EP): 2-(2,6-Dichloroanilino)benzaldehyde	100 mg
MM 0006.04	Imp. C (EP): 2-(2,6-Dichloroanilino)benzyl Alcohol	100 mg
MM 0006.09	Imp. D (EP): [2-(2-Bromo-6-chloroanilino)phenyl]acetic Acid	100 mg
MM 0006.02	Imp. E (EP): Indolin-2-one	100 mg
MM 0006.05	[2-(2-Bromo-6-chloroanilino)phenyl]acetic Acid, Sodium Salt	100 mg
MM 0006.06	1-(2-Bromo-6-chlorophenyl)indolin-2-one	100 mg
MM 0006.10	Methyl 2-[2-[(2,6-Dichlorophenyl)amino]phenyl]acetate	100 mg
MM 0006.11	Ethyl 2-[2-[(2,6-Dichlorophenyl)amino]phenyl]acetate	100 mg
MM 0006.12	2-(2,6-Dichlorophenylamino)benzoic Acid	100 mg
MM 0006.26	Isopropyl 2-[2-[(2,6-Dichlorophenyl)amino]phenyl]acetate	100 mg
MM 0006.15	2,6-Dichloro-diphenylamine	100 mg
MM 0006.16	2-Bromo-6-chloro-diphenylamine	100 mg
MM 0006.17	1-(2,6-Dichlorophenyl)indolin-2,3-dione	100 mg
MM 0006.18	Diclofenac Potassium	100 mg
MM 0006.19	<i>N</i> -Chloroacetyl- <i>N</i> -phenyl-2,6-dichloroaniline	100 mg
MM 0006.20	2-{2-[(2,6-Dichlorophenyl)amino]phenyl}acetic Acid (<i>Diclofenac</i>)	100 mg
MM 0006.21	2,6-Dichloroaniline	100 mg
MM 0006.22	2-Bromo-6-chloroaniline	100 mg

Dicloxacillin Sodium

MM 0229.00	Dicloxacillin Sodium Monohydrate	500 mg
MM 0026.04	Imp. C (EP): 6-Aminopenicillanic Acid	100 mg
MM 0229.05	Dicloxacillin	100 mg

Digitoxin

MM 0336.01	Digitoxigenin	50 mg
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Digoxin

MM 0212.00	Diltiazem Hydrochloride	500 mg
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Diltiazem Hydrochloride

MM 0068.00	Diltiazem Hydrochloride	500 mg
MM 0068.02	Imp. B (EP): (2 <i>S</i> , 3 <i>S</i>)-2,3,4,5-Tetrahydro-2-(4-methoxyphenyl)-4-oxo-1,5-benzothiazepin-3-yl Acetate	100 mg
MM 0068.05	Imp. E (EP): (2 <i>S</i> ,3 <i>S</i>)-5-(2-Dimethylaminoethyl)-2,3-dihydro-3-hydroxy-2-(4-methoxyphenyl)-1,5-benzothiazepin-4(5 <i>H</i>)-one	100 mg
MM 0068.07	Diltiazem Sulphoxide	100 mg

Dimenhydrinate

MM 0599.00	Dimenhydrinate	500 mg
MM 0599.01	Diphenhydramine Hydrochloride	500 mg
MM 0599.02	8-Chlorotheophylline	100 mg

Diphenhydramine Hydrochloride

MM 0490.00	Diphenhydramine Hydrochloride	500 mg
MM 0490.02	Imp. D (EP): Diphenylmethanol	100 mg
MM 0490.05	Imp. E (EP): Diphenylmethanone	100 mg
MM 0490.01	Diphenhydramine -Oxide	100 mg

Diphenylpyraline Hydrochloride

MM 0557.00	Diphenylpyraline Hydrochloride	500 mg
MM 0557.01	Diphenylpyraline	100 mg
MM 0557.02	Diphenylmethanol	100 mg
MM 0557.03	Diphenylmethanone	100 mg

Diprafenon Hydrochloride

MM 0428.01	2'-Hydroxy-3-phenylpropiophenone	100 mg
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Dodecylguanidinium Acetate

MM 0451.03	Dodecylnitrile	100 mg
MM 0451.05	Dimethyldodecylamine	100 mg

Domperidone

MM 0107.00	Domperidone	100 mg i
MM 0107.06	Imp. A (EP): 5-Chloro-1-(piperidin-4-yl)-1,3-dihydro-2 <i>H</i> -benzimidazol-2-one	100 mg
MM 0107.05	Imp. B (EP): 5-Chloro-1-(1-formyl-4-piperidyl)-1,3-dihydro-2 <i>H</i> -benzimidazol-2-one	100 mg
MM 0107.03	Imp. F (EP): 1,1'-[1,1'-[3,3'-(2-Oxo-2,3-dihydrobenzimidazol-1,3-diyl)dipropyl]-bis(4-piperidyl)]bis[5-chloro-1,3-dihydro-2 <i>H</i> -benzimidazol-2-one]	50 mg i
MM 0107.07	2,3-Dihydrobenzimidazol-2-one	100 mg



Pharmaceutical impurities

Dopamine Hydrochloride

MM 0384.00	Dopamine Hydrochloride	500 mg
MM 0384.02	Imp. A (EP) as Hydrochloride: 4-O-Methyldopamine Hydrochloride	100 mg

Dosulepin Hydrochloride

MM 0510.00	Dosulepin Hydrochloride	100 mg
MM 0510.08	Nordosulepin Hydrochloride	50 mg

Doxazosin Mesylate

MM 0386.01	4-Amino-2-chloro-6,7-dimethoxyquinazoline	100 mg
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Doxycycline Hydrochloride

MM 0538.00	Doxycycline Hydrochloride	500 mg
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Ebastine

MM 0468.00	Ebastine	100 mg
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Econazole Nitrate

MM 0524.00	Econazole Nitrate	500 mg
MM 0524.01	Imp. A (EP): (1 <i>RS</i>)-1-(2,4-Dichlorophenyl)-2-(1 <i>H</i> -imidazol-1-yl)ethanol	100 mg
MM 0524.02	Imp. B (EP): (2 <i>RS</i>)-2-[(4-Chlorobenzyl)oxy]-2-(2,4-dichlorophenyl)ethanamine	100 mg

Enalapril Maleate

MM 0010.00	Enalapril Maleate	100 mg
MM 0010.06	Imp. D (EP): Ethyl (2 <i>S</i>)-2-[(3 <i>S</i> ,8 <i>aS</i>)-3-methyl-1,4-dioxo-octahydropyrrolo[1,2- α]pyrazin-2-yl]-4-phenylbutanoate	100 mg
MM 0015.02	Imp. I (EP): 1 <i>H</i> -Imidazole	100 mg

Enrofloxacin

MM 0395.00	Enrofloxacin	100 mg
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Ephedrine Hydrochloride

MM 0652.00	Ephedrine Hydrochloride Controlled Substance	500 mg
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Erdosteine

MM 0544.00	Erdosteine	100 mg
MM 0544.01	2-Chloro-N-(2-oxotetrahydrothiophen-3-yl)acetamide	100 mg

Estradiol Hemihydrate

MM 0300.00	Estradiol Hemihydrate	500 mg
MM 0282.00	Estrone	500 mg
MM 0300.01	17- <i>epi</i> -Estradiol	100 mg
MM 0300.02	9,11-Didehydroestradiol	100 mg
MM 0300.03	6b-Hydroxyestradiol	on request

Estradiol Benzoate

MM 0301.00	Estradiol Benzoate	500 mg
MM 0301.04	Imp. A (EP) as Hemihydrate: Estradiol Hemihydrate	500 mg
MM 0301.02	Imp. C (EP): Estradiol 3,17-Dibenzoate	100 mg
MM 0301.03	Imp. E (EP): 17- <i>epi</i> -Estradiol Benzoate	100 mg
MM 0301.05	Benzoic acid	100 mg

Estradiol Enanthate

MM 0473.00	Estradiol Enanthate	100 mg
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Estradiol Valerate

MM 0209.00	Estradiol Valerate	500 mg
MM 0300.00	Imp. A (EP) as Hemihydrate: Estradiol Hemihydrate	500 mg
MM 0209.01	Imp. C (EP): 9,11-Didehydroestradiol Valerate	100 mg
MM 0209.02	Imp. E (EP): Estradiol 3,17-Divalerate	100 mg
MM 0209.04	Imp. F (EP): Estradiol Butyrate	100 mg
MM 0209.03	17- <i>epi</i> -Estradiol Valerate	100 mg

Estriol

MM 0130.00	Estriol	100 mg
MM 0130.06	Imp. A (EP): 9,11-Didehydroestriol	on request
MM 0282.00	Imp. B (EP): Estrone	500 mg
MM 0130.01	Imp. C (EP): Estriol 3-Methyl Ether	100 mg
MM 0300.00	Imp. D (EP) as Hemihydrate: Estradiol Hemihydrate	500 mg
MM 0130.05	Imp. E (EP): 17- <i>epi</i> -Estriol	100 mg
MM 0130.04	Imp. F (EP): 16- <i>epi</i> -Estriol	100 mg

Pharmaceutical impurities



Estriol

MM 0130.03	Imp. G (EP): 16,17-epi-Estriol	100 mg
MM 0130.02	6a-Hydroxyestriol	100 mg
MM 0130.14	Estriol 16,17-Diacetate	100 mg
MM 0130.15	Estriol Triacetate	100 mg
MM 0130.16	Estriol 3-Benzyl Ether	100 mg
MM 0130.17	16-Oxoestradiol	100 mg
MM 0130.18	6-Oxoestradiol	100 mg

Estrone

MM 0282.00	Estrone	500 mg
MM 0282.01	Estrone 3-Methyl Ether	100 mg

Ethinylestradiol

MM 0123.00	Ethinylestradiol	500 mg
MM 0282.00	Imp. C (EP): Estrone	500 mg
MM 0300.00	Imp. D (EP) as Hemihydrate: Estradiol Hemihydrate	500 mg
MM 0123.05	6-Ketoethinylestradiol	100 mg

Etilefrine Hydrochloride

MM 0035.00	Etilefrine Hydrochloride	500 mg
MM 0035.50	3-Benzoyloxyacetophenone	100 mg
MM 0035.51	3-Benzoyloxy-a-bromo-acetophenone	100 mg

Ethyl Parahydroxybenzoate

MM 0498.00	Ethyl Parahydroxybenzoate	500 m
MM 0045.01	Imp. A (EP): 4-Hydroxybenzoic Acid	100 mg
MM 0431.00	Imp. B (EP): Methyl Parahydroxybenzoate	500 mg
MM 0432.00	Imp. C (EP): Propyl Parahydroxybenzoate	500 mg
MM 0496.00	Imp. D (EP): Butyl Parahydroxybenzoate	500 mg

Etoposide

MM 0603.00	Etofylline	500 mg
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Etoposide

MM 0492.00	Etoposide	50 mg
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Famotidine

MM 0029.00	Famotidine	250 mg
MM 0029.06	Imp. A (EP) as Hydrochloride: 3-[[[2-[(Diaminomethylene)amino]thiazol-4-yl]methyl]-sulphonyl]propanimidamide Hydrochloride	100 mg
MM 0029.05	Imp. B (EP) as Dimalonate: 3,5-[2-[[[2-[(Diaminomethylene)amino]thiazol-4-yl]methyl]-sulphonyl]ethyl]-4H-1,2,4,6-thiatriazine 1,1-dioxide Dimalonate	50 mg
MM 0029.01	Imp. C (EP): 3-(2-Diaminomethylenamino-1,3-thiazol-4-ylmethyl-sulphonyl)-sulphamoylpropanamide	100 mg
MM 0029.02	Imp. D (EP): 3-(2-Diaminomethylenamino-1,3-thiazol-4-ylmethyl-sulphonyl)propanamide	100 mg
MM 0029.07	Imp. E (Pharmeuropa): Bis[2-[[2-[(Diaminomethylene)amino]thiazol-4-yl]methyl]] Disulphide	100 mg
MM 0029.03	Imp. F (Pharmeuropa): 3-(2-Diaminomethylen-amino-1,3-thiazol-4-ylmethylsulphonyl) propionic Acid	100 mg
MM 0029.09	Imp. G (Pharmaeuropa): as Maleate 3-[[[2-[(Diaminomethylene)amino]thiazol-4-yl]methyl]sulphonyl-N-cyano-propanimidamidine Maleate	100 mg
MM 0029.04	Famotidine Sulphoxide	
MM 0029.08	Famotidine Sulphoxide Maleate	100 mg
MM 0029.10	3-[[[2-[(Diaminomethylene)amino]thiazol-4-yl]methyl]sulphonyl]-N-sulphamoylpropanamide	100 mg
MM 0029.51	2-[(Diaminomethylene)amino]-4-(4-cyanobutyl)thiazole Hydrochloride	100 mg

Felodipine

MM 0139.00	Felodipine	100 mg
MM 0139.01	Imp. A (EP): Ethyl Methyl 4-(2,3-Dichlorophenyl)-2,6-dimethylpyridine-3,5-dicarboxylate	50 mg
MM 0139.02	Imp. B (EP): Dimethyl 4-(2,3-Dichlorophenyl)-2,6-dimethyl-1,4-dihydropyridine-3,5-dicarboxylate	100 mg
MM 0139.03	Imp. C (EP): Diethyl 4-(2,3-Dichlorophenyl)-2,6-dimethyl-1,4-dihydropyridine-3,5-dicarboxylate	100 mg

Fenfluramine Hydrochloride

MM 0608.00	Fenfluramine Hydrochloride	500 mg
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Fenofibrate

MM 0505.00	Fenofibrate	500 mg
MM 0505.01	Imp. A (EP): (4-Chlorophenyl)(4-hydroxyphenyl)methanone	100 mg

Flavoxate Hydrochloride

MM 0156.00	Flavoxate Hydrochloride	100 mg
MM 0156.01	Imp. A (BP): 3-Methylflavone-8-carboxylic Acid	100 mg
MM 0156.02	Imp. B (BP): 3-Methylflavone-8-carboxylic Acid Ethyl Ester	100 mg



Pharmaceutical impurities

Flubendazole

MM 0463.00	Flubendazole	100 mg
MM 0463.02	Imp. B (EP): (2-Amino-1 <i>H</i> -benzimidazol-5-yl)(4-fluorophenyl)methanone	100 mg
MM 0463.03	Imp. C (EP): (4-Fluorophenyl) (2-hydroxy-1 <i>H</i> -benzimidazol-5-yl) methanone	100 mg
MM 0463.04	Imp. D (EP): (1 <i>H</i> -Benzimidazol-5-yl)(4-fluorophenyl)methanone	100 mg
MM 0463.05	Imp. E (EP): Methyl [5-(2-Fluorobenzoyl)-1 <i>H</i> -benzimidazol-2-yl]carbamate	100 mg
MM 0463.06	Imp. F (EP): Methyl [5-(4-Fluorobenzoyl)-1-methyl-1 <i>H</i> -benzimidazol-2-yl]carbamate	100 mg

Flucloxacillin Sodium

MM 0489.00	Flucloxacillin Sodium Hydrate	500 mg
MM 0489.04	Imp. C (EP): 6-Aminopenicillanic acid	100 mg
MM0489.03	Imp. D (EP): 3-(2-Chloro-6-fluorophenyl)-5-methylisoxazole-4-carboxylic acid	100 mg

Fluconazole

MM 0235.00	Fluconazole	100 mg
MM 0235.01	2-(2,4-Difluorophenyl)propane-1,2,3-triol	100 mg
MM 0235.02	1-(1 <i>H</i> -1,2,4-Triazol-1-yl)-2-(2,4-difluorophenyl)propane-2,3-diol	100 mg
MM 0235.03	1 <i>H</i> -1,2,4-Triazol	100 mg

Flufenamic Acid

MM 0410.00	Flufenamic Acid	500 mg
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Flunarizine Dihydrochloride

MM 0175.00	Flunarizine Dihydrochloride	500 mg
MM 0175.02	Chlorobis-(4-fluorophenyl)methane	100 mg
MM 0175.03	<i>N</i> -2,4'-Difluorobenzhydryl <i>N</i> -cinnamylpiperazine Dihydrochloride	100 mg
MM 0175.04	1-Bis(4-fluorophenyl)methylpiperazine	100 mg
MM 0175.05	1-Bis(4-fluorophenyl)methyl-4-(ethoxycarbonyl)piperazine	100 mg

Flunitrazepam

MM 0069.00	Flunitrazepam Controlled Substance	50 mg
MM 0069.02	5-(2-Fluorophenyl)-7-nitro-1 <i>H</i> -1,4-benzodiazepin-2(3 <i>H</i>)-one	100 mg

Fluoruracil

MM 0593.00	Fluoruracil	500 mg
MM 0593.01	5-Hydroxyuracil	100 mg

Fluoxetine Hydrochloride

MM 0256.00	Fluoxetine Hydrochloride	50 mg
MM 0256.01	Imp. A (EP): (<i>RS</i>)-3-Methylamino-1-phenylpropan-1-ol	100 mg
MM 0256.03	Imp. C (EP) as Hydrochloride: (<i>RS</i>)- <i>N</i> -Methyl-3-phenyl-3-(3-trifluoromethyl-phenoxy)propyl-1-amine Hydrochloride	100 mg
MM 0256.04	(<i>RS</i>)-3-phenyl-3-(3-trifluoromethylphenoxy)propyl-1-amine	100 mg
MM 0256.05	4-Hydroxybenzotrifluoride	100 mg
MM 0256.06	4-Chlorobenzotrifluoride	100 mg
MM 0256.10	(<i>RS</i>)-3-Dimethylamino-1-phenyl-propan-1-ol	100 mg

Flupentixol Dihydrochloride

MM 0223.00	<i>cis</i> -Flupentixol Dihydrochloride	100 mg
MM 0223.02	Imp. G (EP): 2-(Trifluoromethyl)-9 <i>H</i> -thioxanthen-9-one	100 mg
MM 0223.01	<i>trans</i> -Flupentixol Dihydrochloride	50 mg
MM 0223.03	1-(2-Hydroxyethyl)piperazine	100 mg
MM 0223.04	<i>cis/trans</i> -3-[2-(Trifluoromethyl)-9 <i>H</i> -thioxanthen-9-ylidene]propene	100 mg
MM 0223.05	4-Chloro-3-nitrobenzotrifluoride	100 mg

Flupentixol Decanoate

MM 0182.00	Flupentixol Decanoate	250 mg
MM 0182.01	Imp. A (BP) as Hydrochloride: <i>cis</i> -Flupentixol Dihydrochloride	100 mg
MM 0182.05	1-(2-Hydroxyethyl)piperazine	100 mg
MM 0182.06	<i>cis/trans</i> -3-[2-(Trifluoromethyl)-9 <i>H</i> -thioxanthen-9-ylidene]propene	100 mg
MM 0182.08	2-(Trifluoromethyl)-9 <i>H</i> -thioxanthen-9-one	100 mg

Fluphenazine Dihydrochloride

MM 0114.00	Fluphenazine Dihydrochloride	500 mg
MM 0114.01	Imp. A (EP): 2-[4-{3-[2-(Trifluoromethyl)phenothiazine-10-yl]propyl}piperazine-1-yl)-ethanol -Oxide (<i>Fluphenazine</i> -Oxide)	100 mg

Flurazepam Monohydrochloride

MM 0070.06	Flurazepam Controlled Substance	100 mg
MM 0070.01	Imp. A (EP): [5-Chloro-2-[[2-(diethylamino)ethyl]amino]phenyl]-(2-fluorophenyl)-methanone	100 mg
MM 0070.02	Imp. B (EP): 7-Chloro-5-(2-fluorophenyl)-1 <i>H</i> -1,4-benzodiazepin-2(3 <i>H</i>)-one	100 mg
MM 0070.03	2-Chloro-10-(2-diethylaminoethyl)-9,10-dihydro-acridin-9-one	100 mg

Pharmaceutical impurities



Flutamide

MM 0161.00	Flutamide	500 mg
MM 0161.03	Imp. A (EP): 4-Nitro-3-(trifluoromethyl)aniline	100 mg
MM 0161.04	Imp. B (EP): <i>N</i> -[4-nitro-3-(trifluoromethyl)phenyl]acetamide	100 mg
MM 0161.05	Imp. C (EP): <i>N</i> -[4-nitro-3-(trifluoromethyl)phenyl]propanamide	100 mg
MM 0161.06	Imp. D (EP): 3-(trifluoromethyl)aniline	100 mg
MM 0161.07	Imp. E (EP): 2-Methyl--[3-(trifluoromethyl)phenyl]propanamide	100 mg
MM 0161.08	Imp. F (EP): 2-Methyl--[2-nitro-5-(trifluoromethyl)phenyl]propanamide	100 mg
MM 0161.09	Trifluoromethylbenzene	100 mg
MM 0161.10	3-Nitrobenzotrifluoride	100 mg
MM 0161.01	2-Hydroxy-2-methyl--[4-nitro-3-(trifluoromethyl)phenyl]propanamide (<i>2-Hydroxyflutamide</i>)	100 mg

Folic Acid

MM 0621.00	Folic acid	500 mg
MM 0621.01	Imp. A (EP): <i>N</i> -(4-Aminobenzoyl)- <i>L</i> -glutamic acid	100 mg
MM 0621.02	Imp. B (EP) as Sulfate: 2,5,6-Triaminopyrimidin-4(1 <i>H</i>)-one Sulfate	100 mg
MM 0621.07	4-Aminobenzoic acid	100 mg
MM 0621.08	<i>L</i> -Glutamine	500 mg

Furosemide

MM 0014.00	Furosemide	500 mg
MM 0014.02	Imp. A (EP): 2-Chloro-4-furfurylamino-5-sulphamoylbenzoic Acid	100 mg
MM 0014.03	Imp. B (EP): 2,4-Dichloro-5-sulphamoylbenzoic Acid	100 mg
MM 0014.01	Imp. C (EP): 2-Amino-4-chloro-5-sulphamoylbenzoic Acid	100 mg
MM 0014.05	Imp. E (EP): 2,4-Dichlorobenzoic Acid	100 mg
MM 0014.50	Ethyl 2,4-Dichloro-5-sulphamoylbenzoate	100 mg

Gemfibrozil

MM 0641.00	Gemfibrozil	250 mg
MM 0641.01	3-(2,5-Xylyloxy)propyl Chloride	100 mg
MM 0641.02	Gemfibrozil Imp. H (Pharmeuropa): 1,3-Bis-(2,5-xylyloxy)propane	100 mg
MM 0641.03	Gemfibrozil Isobutyl Ester	100 mg

Glibenclamide

MM 0008.00	Glibenclamide	500 mg
MM 0008.01	Imp. A (EP): 5-Chloro-2-methoxy- <i>N</i> -(2-(4-sulfamoylphenyl)ethyl)benzamide	100 mg
MM 0008.02	Imp. B (Pharmeuropa): Methyl- <i>N</i> -4-[2-(5-chloro-2-methoxybenzamido)ethyl]benzenesulfonyl carbamate	100 mg
MM 0008.03	5-Chloro-2-methoxybenzoic acid	100 mg
MM 0008.04	5-Chloro--(2-phenylethyl)-2-methoxybenzamide	100 mg

Gliclazide

MM 0325.00	Gliclazide	500 mg
MM 0325.01	Imp. A (EP): <i>p</i> -Tolylsulphonamide	100 mg

Griseofulvin

MM 0582.00	Griseofulvin	500 mg
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Glutamine

MM 0169.00	<i>L</i> -Glutamine	500 mg
MM 0169.03	<i>D</i> -Glutamine	100 mg
MM 0169.01	Phenylacetylglutamine	100 mg
MM 0169.02	Phenylacetamide	100 mg

Guaifenesin

MM 0354.00	Guaifenesin	500 mg
MM 0354.04	Imp. A (EP): 2-Methoxyphenol (<i>Guaiacol</i>)	100 mg

Halofantrine Hydrochloride

MM0433.00	Halofantrine Hydrochloride	100 mg
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Harpagoside

MM 0370.01	Methyl <i>trans</i> -cinnamate	100 mg
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Heptaminol Hydrochloride

MM 0653.00	Heptaminol Hydrochloride	500 mg
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Hydrochlorothiazide

MM 0011.00	Hydrochlorothiazide	500 mg
MM 0011.03	Imp. A (EP): Chlorothiazide	500 mg
MM 0011.01	Imp. B (EP): 4-Amino-6-chlorobenzene-1,3-disulphonamide	100 mg
MM 0011.02	2,4,6-Triamino-5-nitrosopyrimidine	100 mg



Pharmaceutical impurities

Hydrocortisone

MM 0185.00	Hydrocortisone (Cortisol)	500 mg
MM 0185.20	Imp. A (EP): Prednisolone	500 mg
MM 0185.21	Imp. B (EP): Cortisone	500 mg
MM 0185.22	Imp. C (EP): Hydrocortisone Acetate	500 mg
MM 0185.06	Imp. D (EP): 6b-Hydroxyhydrocortisone	100 mg
MM 0185.07	Imp. E (EP): 11b, 17, 21-Trihydroxypregna-4,6-diene-3,20-dione (<i>D⁶-Hydrocortisone</i>)	100 mg
MM 0185.08	Imp. F (EP): 17,21-Dihydroxypregn-4-ene-3,20-dione	100 mg
MM 0185.13	6a-Hydroxyhydrocortisone	50 mg

Hydrocortisone Acetate

MM 0187.00	Hydrocortisone Acetate	500 mg
MM 0187.06	Hydrocortisone 11,17,21-Triacetate	100 mg
MM 0187.09	11b,17,21-Trihydroxypregna-4,6-diene-3,20-dione 21-Acetate	100 mg

Hydrocortisone 17-Butyrate

MM 0188.00	Hydrocortisone 17-Butyrate	500 mg
MM 0188.01	Hydrocortisone 21-Butyrate	100 mg

Hydrocortisone Hydrogen Succinate

MM 0275.00	Hydrocortisone Hydrogen Succinate	250 mg
MM 0185.00	Imp. A (EP): Hydrocortisone	500 mg
MM 0187.00	Imp. B (EP): Hydrocortisone Acetate	500 mg

Hymechromone

MM 0294.00	Hymechromone	500 mg
MM 0294.01	Imp. A (EP): 1,3-Dihydroxybenzene (<i>Resorcinol</i>)	100 mg
MM 0294.02	Imp. B (EP): 7-Hydroxy-2-methyl-4 <i>H</i> -1-benzopyran-4-one	100 mg
MM 0294.03	2,4-Dihydroxyacetophenone	100 mg
MM 0294.50	7-Acetoxy-3-acetyl-2-4 <i>H</i> -1-benzopyran-4-one	100 mg

Hyoscine Hydrobromide

MM 0546.00	Hyoscine Hydrobromide Trihydrate	500 mg
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Ibuprofen

MM 0002.00	Ibuprofen	500 mg
MM 0002.13	Imp. A (EP): 2-(3-Isobutylphenyl)propanoic Acid	100 mg
MM 0002.01	Imp. B (EP): 2-(4-Butylphenyl)propanoic Acid	100 mg
MM 0002.10	Imp. C (EP): 2-(4-Isobutylphenyl)propanoic Amide	100 mg
MM 0002.11	Imp. D (EP): 2-(4-Methylphenyl)propanoic Acid	100 mg
MM 0002.04	Imp. E (EP): 4-Isobutylacetophenone	100 mg
MM 0002.28	Imp. F (EP): 3-(4-Isobutylphenyl)propanoic Acid	100 mg
MM 0002.38	Imp. G (EP): cis-7-Isobutyl-1-(4-isobutylphenyl)-1,2,3,4-tetrahydronaphthalene-1,4-dicarboxylic acid	100 mg
MM 0002.30	Imp. H (EP): (3 <i>RS</i>)-1,3-Bis(4-isobutylphenyl)butan-1-one	100 mg
MM 0002.31	Imp. I (EP): (3 <i>RS</i>)-1,3-Bis(4-isobutylphenyl)butane	50 mg
MM 0002.02	Imp. J (EP): (2 <i>RS</i>)-2-(4-Isobutylphenyl)propanoic Acid	100 mg
MM 0002.26	Imp. K (EP): (2 <i>RS</i>)-2-(4-Formylphenyl)propanoic Acid	100 mg
MM 0002.24	Imp. L (EP): 2-[4-(1-Hydroxy-2-methylpropyl)phenyl]propanoic Acid	100 mg
MM 0002.34	Imp. M (EP): (2 <i>RS</i>)-2-Hydroxy-2-(4-isobutylphenyl)-propanoic Acid	100 mg
MM 0002.35	Imp. N (EP): (2 <i>RS</i>)-2-(4-ethylphenyl)propanoic Acid	100 mg
MM 0002.33	Imp. O (EP): 2-[4-(1-Methylpropyl)phenyl]propanoic Acid	100 mg
MM 0002.19	Imp. P (EP): (2 <i>RS</i>)-2-(4-Isobutylphenyl)propan-1-ol	100 mg
MM 0002.36	Imp. Q (EP): 2-(4-Isobutylphenyl)ethanol	100 mg
MM 0002.37	Imp. R (EP): 1,1-Bis-(4-isobutylphenyl)ethane	100 mg
MM 0002.03	4-Isobutylbenzoic Acid	100 mg
MM 0002.07	2-(4-Isobutylphenyl)propionic Amide	100 mg
MM 0002.08	4-Acetylbenzoic Acid	100 mg
MM 0002.09	4-Isobutylacetophenone	100 mg
MM 0002.14	2-(4-Isobutylphenyl)propane	100 mg
MM 0002.15	2-Hydroxypropyl[2-(4-isobutylphenyl)propionate]	100 mg
MM 0002.16	1-Hydroxyprop-2-yl[2-(4-isobutylphenyl)propionate]	100 mg
MM 0002.17	2,3-Dihydroxypropyl[2-(4-isobutylphenyl)propionate]	100 mg
MM 0002.18	1,3-Dihydroxyprop-2-yl[2-(4-isobutylphenyl)propionate]	100 mg
MM 0002.20	2-(4-Propylphenyl)propionic Acid	100 mg
MM 0002.21	2-(4-Isobutylphenyl)propionitrile	100 mg
MM 0002.23	Isopropyl-[2-(4-isobutylphenyl)propionate]	100 mg
MM 0002.25	1-Ethyl-4-isobutylbenzene	100 mg
MM 0002.29	trans-7-Isobutyl-1-(4-isobutylphenyl)-1,2,3,4-tetrahydronaphthalene-1,4-dicarboxylic acid	100 mg
MM 0002.32	2-[4-(2-Hydroxy-2-methylpropyl)phenyl]propionic Acid	100 mg
MM 0002.50	(1-Hydroxyethyl)-4-isobutylbenzene	100 mg
MM 0002.51	4-(1-Hydroxy-2-methylpropyl)acetophenone	100 mg
MM 0002.53	Ibuprofen methylester	100 mg
MM 0002.57	1-(4-Isopropylphenyl)ethanone	100 mg
MM 0002.59	2-(4-Isopropylphenyl)acrylic acid	100 mg

Pharmaceutical impurities



Imipramine Hydrochloride

MM 0077.00	Imipramine Hydrochloride	500 mg
MM 0077.09	Desipramine Hydrochloride	250 mg
MM 0077.10	Iminodibenzyl	100 mg

Indanazoline Hydrochloride

MM 0588.02	4-Aminoindan Hydrochloride	100 mg
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Indapamide

MM 0477.00	Indapamide	250 mg
MM 0477.03	1-Amino-2-methylindoline	100 mg
MM 0477.04	4-Chloro-3-sulfamoylbenzoic acid	100 mg
MM 0477.05	N-(4-Chloro-3-sulfamoylbenzoyl)-2-methylindoline	100 mg

Indometacin

MM 0584.00	Indometacin	500 mg
MM 0584.01	Imp. A (EP): 4-Chlorobenzoic acid	100 mg

Ipecacuanha

MM 0131.01	Cephaeline Dihydrochloride	100 mg
MM 0131.02	Emetine Dihydrochloride	100 mg

Iprindole Hydrochloride

MM 0478.00	Iprindole Hydrochloride	100 mg
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Isoconazol Nitrate

MM 0541.00	Isoconazol Nitrate	100 mg
MM 0541.01	Imp. A (EP): (RS)-1-(2,4-Dichlorophenyl)-2-(1-imidazolyl)ethanol	100 mg
MM 0541.02	Imp. B (EP) as Nitrate: (2RS)-2-[(2,6-Dichlorobenzyl)oxy]-2-(2,4-dichlorophenyl) ethanamine Nitrate	100 mg
MM 0541.03	Imp. C (EP) as Nitrate: Miconazole Nitrate	500 mg

Isoproturon

MM 2503.02	3-(2-Isopropylphenyl)-1,1-dimethylurea	100 mg
MM 2503.03	3-(3-Isopropylphenyl)-1,1-dimethylurea	100 mg

Isosorbide Dinitrate

MM 0126.00	Isosorbide Dinitrate (contains approx. 60% Lactose)	500 mg
MM 0126.05	Imp. B (EP): Isosorbide 2-Nitrate	100 mg
MM 0502.00	Imp. C (EP): Isosorbide 5-Nitrate	500 mg
MM 0126.01	2-Monomethyl Isosorbide	100 mg
MM 0126.02	Dimethyl Isosorbide	100 mg
MM 0126.03	Isosorbide	500 mg
MM 0126.04	Isomannid Dinitrate	100 mg

Isosorbide Mononitrate

MM 0502.00	Isosorbide Mononitrate	500 mg
MM 0502.02	Imp. B (EP): Isosorbide Dinitrate (contains approx. 60% Lactose)	500 mg
MM 0502.03	Imp. C (EP): Isosorbide 2-Nitrate	100 mg
MM 0502.04	Isosorbide	500 mg

Isoxsuprine Hydrochloride

MM 0576.00	Isoxsuprine Hydrochloride	500 mg
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Josamycin

MM 0443.00	Josamycin	100 mg
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Ketamine Hydrochloride

MM 0144.00	Ketamine Hydrochloride	500 mg
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Ketoconazole

MM 0145.00	Ketoconazole	500 mg
MM 0145.04	Imp. D (EP): 1-(4-{4-[(RS,SR)-2-(2,4-Dichlorophenyl)-2-(1-imidazolylmethyl)-1,3-dioxolan-4-ylmethoxy]phenyl}piperazine	100 mg

Ketoprofen

MM 0001.00	Ketoprofen	500 mg
MM 0001.01	Imp. A (EP): 3-Acetylbenzophenone	100 mg
MM 0001.03	Imp. B (EP): 2-(3-Benzoylphenyl)acetic acid	100 mg
MM 0001.07	Imp. C (EP): 2-(3-Carboxyphenyl) propanoic Acid	100 mg
MM 0001.12	Imp. D (EP): 2-[3-(4-Methylbenzoyl)phenyl] propanoic Acid	100 mg
MM 0001.05	Imp. E (EP): 2-(3-Benzoylphenyl)propanamide	100 mg
MM 0001.02	3-Ethylbenzophenone	100 mg



Pharmaceutical impurities

Ketoprofen

MM 0001.11	3-(1-Hydroxyethyl)benzophenone	100 mg
MM 0001.13	3-Methylbenzophenone	100 mg
MM 0001.14	(3-Benzoylphenyl)-acetonitrile	100 mg
MM 0001.17	3-(1-Methoxyethyl)benzophenone	100 mg
MM 0001.18	2-(3- α -Hydroxybenzylphenyl)propionic Acid	100 mg
MM 0001.19	Ethyl 2-(3-Benzoylphenyl)propionate	100 mg
MM 0001.20	2-(3-Carboxyphenyl)propanenitrile	100 mg
MM 0001.21	Isopropyl 2-(3-Benzoylphenyl)propionate	100 mg
MM 0001.50	3-(1-Acetoxyethyl)benzophenone	100 mg

Ketotifen Hydrogen Fumarate

MM 0180.00	Ketotifen Hydrogen Fumarate	250 mg
MM 0180.04	Ketotifen	100 mg

Labetalol Hydrochloride

MM 0438.00	Labetalol Hydrochloride	500 mg
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Lansoprazole

MM 0474.00	Lansoprazole	100 mg
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Levomepromazine Hydrochloride

MM 0266.00	Levomepromazine Hydrochloride	500 mg
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Levomepromazine Maleate

MM 0019.00	Levomepromazine Maleate	100 mg
MM 0019.01	Imp. B (EP): Levomepromazine S-Oxide	100 mg
MM 0019.04	Levomepromazine Sulphone	100 mg
MM 0019.07	N-Demethyllevomepromazine Hydrochloride	100 mg

Levonorgestrel

MM 0121.00	Levonorgestrel	250 mg
MM 0121.01	6b-Hydroxylevonorgestrel	100 mg
MM 0121.02	6-Ketolevonorgestrel	100 mg
MM 0121.07	2a/b-Hydroxylevonorgestrel	50 mg
MM 0121.08	6a-Hydroxylevonorgestrel	50 mg

Lidocaine Hydrochloride

MM 0102.04	Lidocaine Hydrochloride Monohydrate	500 mg
MM 0102.02	Imp. A (EP): 2,6-Dimethylaniline	100 mg
MM 0102.00	Lidocaine	500 mg
MM 0102.01	Lidocaine N-Oxide	100 mg
MM 0102.03	2-Chloro-2,6-dimethylacetanilide	100 mg

Liothyronine Sodium

MM 0626.00	Liothyronine Sodium	50 mg
Lipoic Acid		
MM 0127.00	Lipoic Acid	500 mg

Lisinopril Dihydrate

MM 0598.01	Imp. A (EP): (2RS)-2-Amino-4-phenylbutanoic acid	100 mg
MM 0598.02	Imp. B (EP) as Hydrate: 4-Methylbenzenesulphonic acid Hydrate	100 mg

Loperamide Hydrochloride

MM 0025.00	Loperamide Hydrochloride	500 mg
MM 0025.04	Imp. C (EP): 4-(4-Chlorophenyl)piperidin-4-ol	100 mg
MM 0025.05	Imp. D (EP): 4-(4-Hydroxy-4-phenylpiperidino)-, -dimethyl-2,2-diphenylbutyramide	100 mg
MM 0025.07	Ethyl Diphenylacetate	100 mg
MM 0025.08	a,a-Diphenyl-g-butyrolactone	100 mg
MM 0025.09	Loperamide N-Oxide	100 mg
MM 0025.10	Dimethyl-(tetrahydro-3,3-diphenyl-2-furilidine)ammonium Bromide	100 mg

Loratadine

MM 0257.00	Loratadine	100 mg
MM 0257.01	Decarboethoxyloratadine	50 mg

Lorazepam

MM 0071.00	Lorazepam Controlled Substance	on request
MM 0071.01	Imp. A (EP): 2-Amino-2',5-dichlorobenzophenone	100 mg

Pharmaceutical impurities



Losartan

MM 0168.00	Losartan	100 mg
MM 0168.03	Losartan Potassium	100 mg

Lovastatin

MM 0050.00	Lovastatin	100 mg
MM 0050.01	Imp. B (EP) as Sodium Salt: Lovastatin Hydroxy Acid Sodium Salt	100 mg
MM 0050.03	Imp. C (EP): Dehydrolovastatin	100 mg

Mebeverine Hydrochloride

MM 0319.00	Mebeverine Hydrochloride	100 mg
MM 0319.01	3,4-Dimethoxybenzoic acid (<i>Veratric acid</i>)	100 mg

Meclofenoxate Hydrochloride

MM 0044.00	Meclofenoxate Hydrochloride	500 mg
MM 0044.02	(<i>p</i> -Chlorophenoxy)-acetic Acid	100 mg

Meclozine Hydrochloride

MM 0586.00	Meclozine Dihydrochloride	500 mg
MM 0586.01	<i>N</i> -(3-Methylbenzyl)piperazine	100 mg
MM 0586.02	(<i>RS</i>)-1-[(4-Chlorophenyl)phenylmethyl]piperazine	100 mg
MM 0586.03	4-Chlorobenzhydrol	100 mg
MM 0586.04	4-Chlorobenzophenone	100 mg

Medroxyprogesterone

MM 0635.00	Medroxyprogesterone	100 mg
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Medroxyprogesterone Acetate

MM 0532.00	Medroxyprogesterone Acetate	100 mg
MM 0532.01	Imp. A (EP): 6 α -Hydroxymedroxyprogesterone Acetate	100 mg
MM 0532.02	Imp. B (EP): Medroxyprogesterone	100 mg

Meloxicam

MM 0246.02	Imp. A (BP): Ethyl 4-hydroxy-2-methyl-2 <i>H</i> -1,2-benzothiazine-3-carboxylate 1,1-dioxide	100 mg
MM 0246.01	Imp. B (BP): 2-Amino-5-methylthiazole	100 mg
MM 0246.04	Imp. D (BP): Methyl 4-hydroxy-2-methyl-2 <i>H</i> -1,2-benzothiazine-3-carboxylate 1,1-dioxide	100 mg

Melperone

MM 0321.00	Melperone	100 mg
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(-)-Menthol

MM0388.00	(-) -Menthol	500 mg
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Mepivacaine Hydrochloride

MM 0368.00	Mepivacaine Hydrochloride	500 mg
MM 0368.01	Imp. A (EP): 2,6-Dimethylaniline	100 mg

Mepyramine Maleate

MM 0559.00	Mepyramine Maleate	500 mg
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Metamizole Sodium

MM 0052.00	Metamizole Sodium Monohydrate	500 mg
MM 0052.02	Imp. A (EP): 4-Formylamino-1,5-dimethyl-2-phenyl-1,2-dihydro-3 <i>H</i> -pyrazol-3-one	100 mg
MM 0052.04	Imp. B (EP): 4-Amino-1,5-dimethyl-2-phenyl-1,2-dihydro-3 <i>H</i> -pyrazol-3-one	100 mg
MM 0052.03	Imp. C (EP) as Hydrochloride: 4-Methylaminophenazone Hydrochloride	100 mg
MM 0052.05	Imp. D (EP): 4,4-dimethylaminophenazone	100 mg
MM 0052.01	4-Acetylaminophenazone	100 mg
MM 0052.50	4-Benzylidene-aminoantipyrine	100 mg

Metformin Hydrochloride

MM 0056.00	Metformin Hydrochloride	500 mg
MM 0056.01	Imp. A (EP): Cyanoguanidine	100 mg
MM 0056.02	Imp. B (EP): (4,6-Diamino-1,3,5-triazine-2-yl)guanidine	100 mg
MM 0056.03	Imp. C (EP): <i>N,N</i> -Dimethyl-1,3,5-triazine-2,4,6-triamine	100 mg
MM 0056.04	Imp. D (EP): 1,3,5-Triazine-2,4,6-triamine (<i>Melamine</i>)	100 mg
MM 0056.05	Imp. E (EP) as Hydrochloride: 1-Methylbiguanide Hydrochloride	100 mg
MM0056.06	Imp. F (EP) as Hydrochloride: <i>N</i> -Methylmethanamine Hydrochloride	100 mg



Pharmaceutical impurities

Methamidophos

MM 2501.01	O,O,O-Trimethylphosphorthioate	100 mg
MM 2501.02	O,O,S- Trimethylphosphorthioate	100 mg
MM 2501.03	O,O-Dimethylmethylphosphoramidothioate	100 mg
MM 2501.04	O,S-Dimethylmethylphosphoramidothioate	100 mg
MM 2501.05	O,O-Dimethylphosphoramidothioate	100 mg

Methoxsalen

MM 0555.00	Methoxsalen	500 mg
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Methoxyphenamine Hydrochloride

MM 0655.00	Methoxyphenamine Hydrochloride	500 mg
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Methyl Nicotinate

MM 0549.00	Methyl Nicotinate	500 mg
MM 0549.01	Nicotinic Acid	500 mg

Methyl Parahydroxybenzoate

MM 0431.00	Methyl Parahydroxybenzoate	500 mg
MM 0045.01	Imp. A (EP): 4-Hydroxybenzoic Acid	100 mg
MM 0498.00	Imp. B (EP): Ethyl Parahydroxybenzoate	500 mg
MM 0432.00	Imp. C (EP): Propyl Parahydroxybenzoate	500 mg
MM 0496.00	Imp. D (EP): Butyl Parahydroxybenzoate	500 mg
MM 0431.01	Sodium Methyl Parahydroxybenzoate	500 mg

Methylprednisolone

MM 0190.00	Methylprednisolone	100 mg
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Methylprednisolone Acetate

MM 0191.00	Methylprednisolone Acetate	100 mg
MM 0191.01	Imp. A (EP): 20(a+b)-Dihydro-6a-methylprednisolone 21-Acetate	100 mg
MM 0190.00	Imp. B (EP): Methylprednisolone	100 mg
MM 0194.00	Imp. E (EP): Prednisolone Acetate	500 mg

Methylprednisolone Hydrogen Succinate

MM 0192.00	Methylprednisolone Hydrogen Succinate Sodium Salt	100 mg
MM 0192.04	Imp. A (EP): Methylprednisolone	100 mg
MM 0192.05	Imp. C (EP): Methylprednisolone Acetate	100 mg

Methyltestosterone

MM 0558.00	Methyltestosterone	250 mg
MM 0558.01	Testosterone	500 mg

Metixene Hydrochloride

MM 0125.04	Metixene	100 mg
MM 0125.01	Imp. A (EP): 9H-Thioxanthene	100 mg
MM 0125.02	Imp. B (EP): 9H-Thioxanthene-9-one (<i>Thioxanthone</i>)	100 mg
MM 0125.03	3-Chloromethyl-1-methylpiperidine	100 mg

Metoclopramide Hydrochloride

MM 0073.00	Metoclopramide Hydrochloride Monohydrate	500 mg
MM 0073.03	Imp. A (EP): 4-(Acetylamino)-5-chloro--(2-diethylaminoethyl)-2-methoxybenzamide	100 mg
MM 0073.04	Imp. B (EP): Methyl 4-(Acetylamino)-5-chloro-2-methoxybenzoate	100 mg
MM 0073.02	Imp. C (EP): 4-Amino-5-chloro-2-methoxybenzoic Acid	100 mg
MM 0073.05	Imp. D (EP): Methyl 4-(Acetylamino)-2-methoxybenzoate	100 mg
MM 0073.01	Imp. E (EP): <i>N,N</i> -Diethylethane-1,2-diamine	100 mg
MM 0073.06	Imp. F (EP): 4-Amino-5-chloro--(2-diethylaminoethyl)-2-hydroxybenzamide	100 mg
MM 0073.07	Imp. G (EP): 4-Amino-5-chloro--(2-diethylaminoethyl)-2-methoxybenzamide <i>N</i> -Oxide	100 mg
MM 0073.08	Imp. H (EP): 4-(Acetylamino)-2-hydroxybenzoic Acid	100 mg
MM 0073.09	Methyl 4-amino-2-hydroxybenzoate	100 mg
MM 0073.10	Methyl 4-(Acetylamino)-2-hydroxybenzoate	100 mg

Metoprolol Succinate

MM 0279.00	Metoprolol Succinate	100 mg
MM 0279.04	Imp. A (EP): 1-Ethylamino-3-[4-(2-methoxyethyl)phenoxy]propan-2-ol	100 mg
MM 0279.01	Imp. B (EP): 4-(2-Methoxyethyl)phenol	100 mg
MM 0279.24	Imp. C (EP) as Hydrochloride: 4-[(2 <i>RS</i>)-2-Hydroxy-3-(isopropylamino)-propoxy]benzaldehyde	100 mg
MM 0279.06	Imp. D (EP): 3-[4-(2-Methoxyethyl)phenoxy]propan-1,2-diol	100 mg
MM 0279.07	Imp. E (EP): (2 <i>RS</i>)-1-[2-(2-Methoxyethyl)phenoxy]-3-(isopropylamino)propan-2-ol	100 mg
MM 0279.08	Imp. F (EP): 1,3-Bis(isopropylamino)propan-2-ol	100 mg
MM 0279.09	Imp. G (EP): 2-(4-Hydroxyphenyl)ethanol	100 mg
MM 0279.10	Imp. H (EP): 1-[4-(2-Hydroxyethyl)phenoxy]-3-isopropylaminopropan-2-ol	100 mg

Pharmaceutical impurities



Metoprolol Succinate

MM 0279.11	Imp. I (EP): 1-Isopropylamino-3-(4-vinylphenoxy)propan-2-ol	100 mg
MM 0279.12	Imp. J (EP): 1-[2-Hydroxy-3-(isopropylamino)propoxy]-3-[4-(2-methoxyethyl) phenoxy]propan-2-ol	100 mg
MM 0279.13	Imp. K (EP): 1-Isopropylamino-3-[(Z)- and 1-Isopropylamino-3-[(E)-4-(2-methoxyvinyl)phenoxy]propan-2-ol	100 mg
MM 0279.15	Imp. M (EP): 1,3-Bis(isopropylamino)propan-2-ol	100 mg
MM 0279.16	Imp. N (EP): 3-Isopropylaminopropan-1,2-diol	100 mg
MM 0279.03	Imp. O (EP): 3,3'-Isopropyliminobis{1-[4-(2-methoxyethyl)phenoxy]-propan-2-ol} 1	00 mg

Metoprolol Tartrate

MM 0027.00	Metoprolol Tartrate	500 mg
MM 0027.04	Imp. A (EP): 1-Ethylamino-3-[4-(2-methoxyethyl)phenoxy]propan-2-ol	100 mg
MM 0027.01	Imp. B (EP): 4-(2-Methoxyethyl)phenol	100 mg
MM 0027.05	Imp. C (EP) as Hydrochloride: 4-(2-Hydroxy-3-isopropylaminopropoxy)benzaldehyde Hydrochloride	100 mg
MM 0027.06	Imp. D (EP): 3-[4-(2-Methoxyethyl)phenoxy]propan-1,2-diol	100 mg
MM 0027.07	Imp. E (EP): (2 <i>RS</i>)-1-[2-(2-Methoxyethyl)phenoxy]-3-(isopropylamino)propan-2-ol	100 mg
MM 0027.08	Imp. F (EP): 1-Isopropylamino-3-phenoxypropan-2-ol	100 mg
MM 0027.09	Imp. G (EP): 2-(4-Hydroxyphenyl)ethanol	100 mg
MM 0027.10	Imp. H (EP): 1-[4-(2-Hydroxyethyl)phenoxy]-3-isopropylaminopropan-2-ol	100 mg
MM 0027.11	Imp. I (EP): 1-Isopropylamino-3-(4-vinylphenoxy)propan-2-ol	100 mg
MM 0027.12	Imp. J (EP): 1-[2-Hydroxy-3-(isopropylamino)propoxy]-3-[4-(2-methoxyethyl) phenoxy]propan-2-ol	100 mg
MM 0027.13	Imp. K (EP): 1-Isopropylamino-3-[(Z)- and 1-Isopropylamino-3-[(E)-4-(2-methoxyvinyl)-phenoxy]propan-2-ol	100 mg
MM 0027.15	Imp. M (EP): 1,3-Bis(isopropylamino)propan-2-ol	100 mg
MM 0027.16	Imp. N (EP): 3-Isopropylaminopropan-1,2-diol	100 mg
MM 0027.03	Imp. O (EP): 3,3'-Isopropyliminobis{1-[4-(2-methoxyethyl)phenoxy]-propan-2-ol}	100 mg
MM 0027.02	1-[4-(2-Methoxyethyl)phenoxy]-2,3-epoxypropane	100 mg
MM 0027.17	1-Chloro-3-[4-(2-methoxyethyl)phenoxy]propan-2-ol	100 mg
MM 0027.18	4,4'-(2-Hydroxy-1,3-propandiyldioxy)bis[(2-methoxyethyl)benzene]	100 mg
MM 0027.22	3-Chloropropane-1,2-diol	100 mg

Metronidazole

MM 0012.00	Metronidazole	500 mg
MM 0012.02	Imp. A (EP): 2-Methyl-5-nitroimidazole	100 mg
MM 0012.05	Imp. B (EP): 4-Nitroimidazol	100 mg
MM 0012.01	Imp. E (EP): 2-(2-Methyl-4-nitro-1 <i>H</i> -imidazol-1-yl)ethanol	100 mg
MM 0012.04	1-(2-Hydroxyethyl)-2-hydroxymethyl-5-nitroimidazole (<i>Hydroxymetronidazole</i>)	100 mg

Metronidazole Benzoate

MM 0278.00	Metronidazole Benzoate	100 mg
MM 0012.00	Imp. A (EP): Metronidazole	500 mg
MM 0012.02	Imp. B (EP): 2-Methyl-5-nitroimidazole	100 mg
MM 0278.01	Imp. C (EP): Benzoic Acid	100 mg
MM 0012.03	2-(2-Methyl-4-nitro-1 <i>H</i> -imidazol-1-yl)ethylbenzoate	100 mg

Mianserin Hydrochloride

MM 0147.00	Mianserin Hydrochloride	250 mg
MM 0147.01	Imp. A (EP): 2-(4-Methyl-2-phenyl-1-piperazinyl)benzyl Alcohol	100 mg
MM 0147.04	2-Aminobenzyl Alcohol	100 mg

Miconazole Nitrate

MM 0281.00	Miconazole Nitrate	500 mg
MM 0074.00	Miconazole	250 mg
MM 0281.01	Imp. A (EP): (<i>RS</i>)-1-(2,4-Dichlorophenyl)-2-(1-imidazolyl)ethanol	100 mg
MM 0281.02	Imp. B (EP) as Nitrate: Econazole Nitrate	500 mg
MM 0281.03	Imp. C (EP) as Nitrate: (<i>RS</i>)-2-(2,4-Dichlorobenzoyloxy)-2-(2,4-dichlorophenyl) ethylamine Nitrate	100 mg
MM 0281.04	Imp. D (EP) as Nitrate: Isoconazole Nitrate	100 mg
MM 0281.06	Imp. F (EP) as Nitrate: (<i>RS</i>)-1-[2-(3,4-Dichlorobenzoyloxy)-2-(2,4-dichlorophenyl)ethyl]imidazole Nitrate	100 mg
MM 0281.07	Imp. G (EP) as Nitrate: (<i>RS</i>)-1-[2-(2,5-Dichlorobenzoyloxy)-2-(2,4-dichlorophenyl)ethyl]imidazole Nitrate	100 mg
MM 0281.08	Imp. H (EP) as Nitrate: (<i>RS</i>)-1-[2-Benzoyloxy-2-(2,4-dichlorophenyl)ethyl]-imidazole Nitrate	100 mg
MM 0281.09	Imp. I (EP) as Nitrate: (<i>RS</i>)-1-[2-(2-Chlorobenzoyloxy)-2-(2,4-dichlorophenyl)ethyl]imidazole Nitrate	100 mg
MM 0281.10	1-(2,4-Dichlorobenzoylmethyl)imidazole	100 mg

Minoxidil

MM 0521.00	Minoxidil	500 mg
MM 0521.01	Imp. A (EP): 6-Chloropyrimidine-2,4-diamine	100 mg
MM 0521.02	Imp. B (EP): 3-(Cyanoimino)-3-(piperidin-1-yl)propanamide	100 mg
MM 0521.05	Imp. E (EP): Desoxyminoxidil	100 mg

Moclobemide

MM 0250.00	Moclobemide	100 mg
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Molsidomine

MM 0267.00	Molsidomine	500 mg
MM 0267.01	Morpholin-4-ylimino-acetonitrile	100 mg



Pharmaceutical impurities

Morphine Hydrochloride

MM 0037.00	Morphine Hydrochloride Trihydrate Controlled Substance	250 mg
MM 0442.00	Imp. A (EP) as Phosphate Hemihydrate: Codeine Phosphate Hemihydrate Controlled Substance	100 mg
MM 0037.01	Imp. B (EP): Pseudomorphine (2,2'- <i>Bimorphine</i>)	100 mg
MM 0037.03	Imp. C (EP): Morphine <i>N</i> -Oxide Controlled Substance	100 mg
MM 0037.02	Dimethyl Pseudomorphine	100 mg

Morphine Sulphate

MM 0280.00	Morphine Sulphate Pentahydrate Controlled Substance	250 mg
MM 0280.01	Imp. A (EP) as Phosphate Hemihydrate: Codeine Phosphate Hemihydrate Controlled Substance	100 mg
MM 0037.01	Imp. B (EP): Pseudomorphine (2,2'- <i>Bimorphine</i>)	100 mg
MM 0037.03	Imp. C (EP): Morphine <i>N</i> -Oxide Controlled Substance	100 mg

Nabumetone

MM 0153.00	Nabumetone	500 mg
MM 0153.05	Imp. D (EP): (<i>E</i>)-4-(6-Methoxynaphthalen-2-yl)-but-3-en-2-one	100 mg
MM 0153.07	Imp. F (EP): 6,6'-Dimethoxy-2,2'-binaphthalenyl	100 mg
MM 0153.09	(6-Methoxy-2-naphthyl)acetic acid	100 mg

Nadolol

MM 0439.00	Nadolol	250 mg
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Nafcillin Sodium

MM 0392.00	Nafcillin Sodium	100 mg
MM 0392.01	Penicilloic Acids of Nafcillin	100 mg
MM 0392.02	Penilloic Acids of Nafcillin	100 mg
MM 0392.04	2-Ethoxynaphthoic Acid	100 mg
MM 0392.03	6-Aminopenicillanic Acid	100 mg

Naftidrofuryl Hydrogen Oxalate

MM 0373.00	Naftidrofuryl Hydrogen Oxalate	500 mg
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Naloxone Hydrochloride Dihydrate

MM 0272.00	Naloxone Hydrochloride Dihydrate	250 mg
MM 0272.01	Naloxone	100 mg

Naltrexone

MM 0233.00	Naltrexone	100 mg
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Nandrolone

MM 0660.00	Nandrolone	250 mg
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Naphazoline Hydrochloride

MM 0075.00	Naphazoline Hydrochloride	500 mg
MM 0075.06	Imp. A (EP) as Hydrochloride: (1-Naphthyl)acetylenylendiamine Hydrochloride	100 mg
MM 0075.02	Imp. B (EP): (1-Naphthyl)acetic Acid	100 mg
MM 0075.04	Imp. C (EP): (1-Naphthyl)acetate	100 mg

Naphazoline Nitrate

MM 0286.00	Naphazoline Nitrate	500 mg
MM 0286.01	Imp. A (EP): (1-Naphthyl)acetylenylendiamine	100 mg
MM 0286.02	Imp. B (EP): (1-Naphthyl)acetic acid	100 mg
MM 0286.03	Imp. C (EP): (1-Naphthyl)acetonitrile	100 mg

Naproxen

MM 0152.00	Naproxen	500 mg
MM 0152.14	Imp. H (Pharmeuropa): Hydroxynerolin	100 mg
MM 0152.01	Imp. I (Pharmeuropa): (6-Methoxy-2-naphthyl)acetic acid (<i>à-Demethylnaproxen</i>)	100 mg
MM 0152.15	Imp. J (Pharmeuropa): (2-Carboxy-6-methoxynaphthalene)	100 mg
MM 0152.16	Imp. K (Pharmeuropa): 1-(6-Methoxynaphthalen-2-yl)-ethanol	100 mg
MM 0152.07	Imp. L (Pharmeuropa): Acetylnorlin	100 mg
MM 0152.08	Imp. M (Pharmeuropa): Nerolin	500 mg
MM 0152.17	Imp. N (Pharmeuropa): 2-Bromo-6-methoxynaphthalene	100 mg
MM 0152.04	Naproxen Sodium	100 mg

Nicardipine Hydrochloride

MM 0465.00	Nicardipine Hydrochloride	250 mg
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Nicergoline

MM 0115.00	Nicergoline	250 mg
MM 0115.04	Imp. C (EP): Methylmethoxylumilysergol	100 mg
MM 0115.06	Imp. D (EP): 5-Bromopyridine-3-carboxylic acid	100 mg
MM 0115.03	5-Debromonicergoline	50 mg

Pharmaceutical impurities



Nicotinamide

MM 0552.00	Nicotinamide	500 mg
MM 0552.01	Isonicotinamide	100 mg

Nicotinic Acid

MM 0553.00	Nicotinic acid	500 mg
MM 0553.01	Methyl Nicotinate	500 mg
MM 0553.02	Benzyl Nicotinate	500 mg

Nicotine

MM 0517.00	Nicotine	500 mg
MM 0517.03	Imp. C (EP): Cotinine	100 mg
MM 0517.02	Imp. D (EP): Myosmine	50 mg
MM 0517.01	(-)-Anabasine	100 mg

Nifedipine

MM 0003.00	Nifedipine	500 mg
MM 0003.02	Imp. A (EP): Dimethyl 2,6-Dimethyl-4-(2-nitrophenyl)pyridine-3,5-dicarboxylate	100 mg
MM 0003.01	Imp. B (EP): Dimethyl 2,6-Dimethyl-4-(2-nitrosophenyl)pyridine-3,5-dicarboxylate	100 mg
MM 0003.03	2-Nitrobenzaldehyde	100 mg

Nifuroxazide

MM 0574.00	Nifuroxazide	500 mg
MM 0574.01	Imp. A (EP): (4-Hydroxybenzoyl)dianzane	100 mg

Nifursol

MM 0444.00	Nifursol	100 mg
MM 0444.01	5-Nitro-2-furfural	100 mg
MM 0444.02	5-Nitro-furfural-hydrazone	100 mg
MM 0444.03	3,5-Dinitrosalicylic Acid Hydrazide	100 mg

Nikethamide

MM 0627.00	Nikethamide	500mg
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Nitrazepam

MM 0078.00	Nitrazepam Controlled Substance	500 mg
MM 0078.02	Imp. A (EP): 3-Amino-6-nitro-4-phenyl-2(1 <i>H</i>)-quinolone	100 mg
MM 0078.01	Imp. B (EP): 2-Amino-5-nitrobenzophenone	100 mg

Nitrendipine

MM 0092.00	Nitrendipine	500 mg
MM 0092.03	Imp. A (EP): 3-Ethyl 5-Methyl 2,6-Dimethyl-4-(3-nitrophenyl)pyridine-3,5-dicarboxylate (Photolysis Product)	100 mg
MM 0092.01	Imp. B (EP): Dimethyl 1,4-Dihydro-2,6-dimethyl-4-(3-nitrophenyl)pyridine-3,5-dicarboxylate	100 mg
MM 0092.02	Imp. C (EP): Diethyl 1,4-Dihydro-2,6-dimethyl-4-(3-nitrophenyl)pyridine-3,5-dicarboxylate	100 mg
MM 0092.04	1,4-Dihydro-2,6-dimethyl-4-(3-nitrophenyl)pyridine-3,5-dicarboxylic Acid Methyl Ester	50 mg
MM 0092.05	1,4-Dihydro-2,6-dimethyl-4-(3-nitrophenyl)pyridine-3,5-dicarboxylic Acid Ethyl Ester	50 mg

Norethisterone

MM 0218.00	Norethisterone	250 mg
MM 0218.01	6 β -Hydroxynorethisterone	100 mg
MM 0218.02	6 α -Hydroxynorethisterone	50 mg
MM 0218.03	6-Ketonorethisterone	100 mg
MM 0218.04	6,7-Didehydronorethisterone	100 mg

Norethisterone Acetate

MM 0219.00	Norethisterone Acetate	100 mg
MM 0218.00	Imp. A (EP): Norethisterone	250 mg
MM 0219.10	Imp. B (EP): 3-Oxo-19-nor-17a-pregn-5(10)-en-20-yn-17-yl Acetate	100 mg
MM 0219.01	Imp. F (EP): 6b-Hydroxynorethisterone Acetate	100 mg
MM 0219.03	Imp. G (EP): 6-Ketonorethisterone Acetate	100 mg
MM 0219.02	6a-Hydroxynorethisterone Acetate	50 mg
MM 0219.04	6,7-Didehydronorethisterone Acetate	100 mg

Nortriptyline Hydrochloride

MM 0079.00	Nortriptyline Hydrochloride	500 mg
MM 0079.08	Imp. A (EP): Dibenzosuberone	100 mg

Ofloxacin

MM 0228.00	Ofloxacin	500 mg
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**Olanzapine**

MM 0329.00

Olanzapine

100 mg

Omeprazole

MM 0095.00

Omeprazole

500 mg

MM 0095.03

Imp. A (EP): 5-Methoxy-1*H*-benzimidazole-2-thiol

100 mg

MM 0095.04

Imp. B (EP): 5-Methoxy-2-[[[(3,5-dimethylpyridin-2-yl)methyl]sulphonyl]-1*H* benzimidazole

100 mg

MM 0095.06

Imp. C (EP): 5-Methoxy-2-[[[(4-methoxy-3,5-dimethylpyridin-2-yl)methyl]sulphonyl]-1*H*-benzimidazole (*Ufiprazole*)

100 mg

MM 0095.05

Imp. D (EP): 5-Methoxy-2-[[[(4-methoxy-3,5-dimethylpyridin-2-yl)methyl]sulphonyl]-1*H*-benzimidazole (*Omeprazole Sulphone*)

100 mg

MM 0095.01

Imp. F (EP): 2,12-Dihydro-1,3-dimethyl-8-methoxy-12-thioxobenzo[4,5]pyrido[1,2-*c*]imidazo[1,2- α]imidazol-2-one

100 mg

MM 0095.02

Imp. G (EP): 2,12-Dihydro-1,3-dimethyl-9-methoxy-12-thioxobenzo[4,5]pyrido [1,2-*c*]imidazo[1,2- α]imidazol-2-one

50 mg

MM 0095.08

5-Methoxy-2-[[[(3,5-dimethylpyridin-2-yl)methyl]sulphonyl]-1*H*-benzimidazole

100 mg

MM0095.15

5-Methoxy-2-[[[(4-chloro-3,5-dimethyl-pyridin-2-yl)methyl]sulphonyl]-1*H*benzimidazole

on request

MM 0095.16

5-Methoxy-2-[[[(4-methoxy-3,5-dimethylpyridin-2-yl)methyl]sulphonyl]-1*H*benzimidazole N-Oxide

100 mg

MM0095.19

5-Methoxy-2-[[[(4-chloro-3,5-dimethylpyridin-2-yl)methyl]sulphonyl]-1*H*benzimidazole

on request

Ondansetron Hydrochloride Dihydrate

MM 0252.00

Ondansetron Hydrochloride Dihydrate

on request

MM 0252.03

Imp. A (Pharmeuropa): (3*RS*)-3-(Dimethylamino)methyl-9-methyl-1,2,3,9-tetrahydro-4*H* carbazol-4-one

100 mg

MM 0252.02

Imp. B (Pharmeuropa): 7,7'-Methylenebis[(3*RS*)-9-methyl-3-[(2-methyl-1*H*-imidazol-1-yl)methyl]-1,2,3,9-tetrahydro-4*H*-carbazol-4-one]

50 mg

MM 0252.01

Imp. C (Pharmeuropa): 9-Methyl-1,2,3,9-tetrahydro-4*H*-carbazol-4-one

100 mg

MM 0252.04

Imp. D (Pharmeuropa): 9-Methyl-3-methylene-1,2,3,9-tetrahydro-4*H*-carbazol-4-one

100 mg

MM 0015.02

Imp. E (Pharmeuropa): 1*H*-Imidazole

100 mg

MM 0252.06

Imp. F (Pharmeuropa): 2-Methyl-1*H*-imidazol

100 mg

MM 0252.07

Imp. G (Pharmeuropa): C-Demethylondansetron

100 mg

MM 0252.08

Imp. H (Pharmeuropa): -Demethylondansetron

100 mg

MM 0252.09

Ondansetron

on request

Opipramol Dihychloride

MM 0422.01

5-(3-Piperazin-1-yl-propyl)-5*H*-dibenzo[b,f]azepine Dihydrochloride

100 mg

Oxazepam

MM 0080.00

Oxazepam **Controlled Substance**

100 mg

MM 0028.03

2-Amino-5-chlorobenzophenone

100 mg

MM 0080.03

6-Chloro-4-phenyl-3,4-dihydroquinazoline-2-carboxylic Acid

100 mg

Oxcarbazepine

MM 0637.00

Oxcarbazepine

100 mg

MM 0637.01

10-Hydroxy-10,11-dihydrocarbamazepine

100 mg

Oxeladin Citrate

MM 0547.00

Oxeladin Citrate

500 mg

Oxprenolol Hydrochloride

MM 0129.00

Oxprenolol Hydrochloride

500 mg

Oxybuprocaine Hydrochloride

MM 0543.00

Oxybuprocaine Hydrochloride

500 mg

MM 0543.01

Imp. A (EP): 4-Aminobenzoic acid

100 mg

MM 0543.02

Imp. B (EP): 4-Amino-3-butoxybenzoic acid

100 mg

MM 0543.03

Imp. C (EP): 4-Amino-3-hydroxybenzoic acid

100 mg

Oxybutynin Hydrochloride

MM 0047.00

Oxybutynin Hydrochloride

250 mg

MM 0047.06

Imp. B (EP): 4-(Diethylamino)but-2-ynyl (*RS*)-2-hydroxy-2,2-diphenylacetate (*Diphenyl analogue*)

100 mg

MM 0047.04

Imp. C (EP) as Hydrochloride: 4-(Ethylmethylamino)but-2-ynyl (*RS*)-2-cyclo-hexyl-2-hydroxy-2-phenylacetate Hydrochloride (*Methylethyl analigue*)

100 mg

MM 0047.01

Imp. D (EP): (*RS*)-2-cyclohexyl-2-hydroxy-2-phenylacetic Acid (*Phenylcyclohexylglycolic Acid*)

100 mg

MM 0047.07

Imp. E (EP): 4-(Ethylpropylamino)but-2-ynyl (*RS*)-2-cyclohexyl-2-phenylacetate (*Ethylpropyl analogue*)

100 mg

MM 0047.02

Methyl (*RS*)-2-cyclohexyl-2-hydroxy-2-phenylacetate (*Phenylcyclohexylglycolic Acid Methyl Ester*)

100 mg

MM 0047.03

4-Diethylamino-2-butynyl-1-ol

100 mg

MM 0047.11

Desethyloxybutynin Hydrochloride

100 mg

MM 0047.50

Propargyl (*RS*)-2-cyclohexyl-2-hydroxy-2-phenylacetate (*Phenylcyclohexylglycolic Acid Propargyl Ester*)

100 mg

Oxymetazoline Hydrochloride

MM 0177.00

Oxymetazoline Hydrochloride

250 mg

Pharmaceutical impurities



Oxytetracycline Hydrochloride

MM 0554.00	Oxytetracycline Hydrochloride	500 mg
MM 0554.02	Imp. B (EP) as Hydrochloride: Tetracycline Hydrochloride	500 mg

Pantoprazole Sodium

MM 0099.01	Pantoprazole	100 mg
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Paracetamol

MM 0042.00	Paracetamol	500 mg
MM 0042.08	Imp. A (EP): 2-Acetamidophenol	100 mg
MM 0042.05	Imp. B (EP): <i>N</i> -Propionyl-4-aminophenol	100 mg
MM0042.09	Imp. C (EP): 3-Chloro-4-hydroxyacetanilide	100 mg
MM 0042.10	Imp. D (EP): Acetanilide	100 mg
MM 0042.11	Imp. E (EP): 4-Hydroxyacetophenone	100 mg
MM 0042.03	Imp. F (EP): 4-Nitrophenol	100 mg
MM 0042.12	Imp. G (EP): 4-Hydroxyacetophenone Oxime	100 mg
MM 0042.04	Imp. H (EP): <i>N,O</i> -Diacetyl-4-aminophenol	100 mg
MM 0042.13	Imp. I (EP): 2-Hydroxyacetophenone	100 mg
MM 0042.02	Imp. J (EP): 4-Chloroacetanilide	100 mg
MM 0042.01	Imp. K (EP): 4-Aminophenol	100 mg
MM 0042.07	3-Aminophenol	100 mg

Peppermint Oil

MM 0163.12	(+)-(R)-Pulegone	100 mg
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Perazine Dimalonate

MM 0157.00	Perazine Dimalonate	100 mg
MM 0157.01	Perazine Sulphoxide	100 mg
MM 0157.02	Phenothiazine	100 mg
MM 0157.03	1-(3-Chloropropyl)-4-methylpiperazine	100 mg

Phenacetin

MM0551.00	Phenacetin	100 mg
MM 0551.01	Paracetamol	500 mg
MM 0551.02	4-Aminophenol	100 mg

Pheniramine Maleate

MM 0059.00	Pheniramine Maleate	100 mg
MM 0059.02	Imp. A (EP): 2-Benzylpyridine	100 mg
MM 0059.03	Imp. B (EP): 4-Benzylpyridine	100 mg
MM 0059.01	Pheniramine	100 mg

Phenobarbital

MM 0265.01	Phenylethylacetylurea	100 mg
MM 0265.02	<i>N</i> -Benzoyl- <i>N'</i> -(2-phenyl)butanoylurea	100 mg

Phenoxymethylpenicillin Potassium

MM 0026.00	Phenoxymethylpenicillin Potassium	250 mg
MM 0026.03	Imp. B (EP): Phenoxyacetic Acid	100 mg
MM 0026.04	Imp. C (EP): 6-Aminopenicillanic Acid	100 mg
MM 0026.02	Imp. D (EP): 4-Hydroxyphenoxymethylpenicillin	100 mg
MM 0026.01	Imp. E (EP): Penicilloic acids of Phenoxymethylpenicillin	100 mg
MM 0026.05	Imp. F (EP): Penilloic acids of Phenoxymethylpenicillin	100 mg

Phenylbutazone

MM 0548.00	Phenylbutazone	500 mg
MM 0548.03	Imp. C (EP): 1,2-Diphenyldiazane	100 mg
MM 0548.04	Imp. D (EP): 1,2-Diphenyldiazene	100 mg

Phenylephrine Hydrochloride

MM 0081.00	Phenylephrine Hydrochloride	500 mg
MM 0081.05	1,2,3,4-Tetrahydro-4,6-dihydroxy-2-methylisoquinoline Hydrochloride	100 mg
MM 0081.06	1,2,3,4-Tetrahydro-4,8-dihydroxy-2-methylisoquinoline Hydrochloride	100 mg

Phenylpropanolamine Hydrochloride

MM 0656.00	Phenylpropanolamine Hydrochloride	500 mg
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Phenytoin

MM 0630.00	Phenytoin	500 mg
MM 0630.01	Imp. A (EP): Diphenylmethanone	100 mg
MM 0630.02	Imp. B (EP): Diphenylethanedione (Benzil)	100 mg



Pharmaceutical impurities

Phenytoin Sodium

MM 0622.00 Phenytoin Sodium 500 mg

Pilocarpine Hydrochloride

MM 0338.00 Pilocarpine Hydrochloride 500 mg

Pindolol

MM 0082.00 Pindolol 250 mg
MM 0082.01 **Imp. E** (EP): Indol-4-ol 100 mg

Pipazetate Hydrochloride

MM 0486.01 Bis-(2-piperidinoethyl)ether (BPEE) 100 mg
MM 0486.02 1,2-Dipiperidinoethane (DPE) 100 mg
MM 0486.03 2-(2-Piperidinoethoxy)ethanol (PEE) 100 mg

Piperacillin Sodium

MM 0296.00 Piperacillin Sodium 100 mg
MM 0296.01 **Imp. A** (EP) as Sodium Salt: Ampicillin Sodium 500 mg
MM 0296.05 **Imp. E** (EP): 1-Ethylpiperazine-2,3-dione 100 mg
MM 0296.08 **Imp. H** (EP): 6-Aminopenicillanic acid 100 mg

Piprinhydrinate

MM 0155.00 Piprinhydrinate 100 mg
MM 0155.01 Diphenylpyraline 100 mg
MM 0155.02 8-Chlorothophylline 100 mg
MM 0155.03 Diphenylmethanol 100 mg

Piracetam

MM 0083.00 Piracetam 500 mg
MM 0083.05 **Imp. A** (Pharmeuropa): 2-Pyrrolidone 100 mg
MM 0083.04 **Imp. B** (Pharmeuropa): Methyl 2-(2-Oxo-pyrrolidin-1-yl)acetate 100 mg
MM 0083.02 **Imp. C** (Pharmeuropa): Ethyl 2-(2-Oxo-pyrrolidin-1-yl)acetate 100 mg
MM 0083.01 **Imp. D** (Pharmeuropa): (2-Oxopyrrolidin-1-yl)acetic Acid 100 mg
MM 0083.03 N-Vinyl-2-pyrrolidone 100 mg
MM 0083.06 2-chloroacetamide 100 mg

Piroxicam

MM 0084.00 Piroxicam 500 mg
MM 0084.01 **Imp. A** (EP): 2-Pyridylamine 100 mg
MM 0084.09 **Imp. C** (EP): 4-Hydroxy-2-methyl-2*H*-1,2-benzothiazine-3-carboxamide 1,1-dioxide 100 mg
MM 0084.07 **Imp. D** (EP): Methyl (3-oxo-2,3-dihydro-1,2-benzisothiazol-2-yl)acetate 1,1-dioxide 100 mg
MM 0084.05 **Imp. E** (EP): Ethyl (3-oxo-2,3-dihydro-1,2-benzisothiazol-2-yl)acetate 1,1-dioxide 100 mg
MM 0084.10 **Imp. F** (EP): Isopropyl (3-oxo-2,3-dihydro-1,2-benzisothiazol-2-yl)acetate 1,1-dioxide 100 mg
MM 0084.04 **Imp. G** (EP): Methyl 4-hydroxy- 2*H*-1,2-benzothiazine-3-carboxylate 1,1-dioxide 100 mg
MM 0084.06 **Imp. H** (EP): Ethyl 4-hydroxy- 2*H*-1,2-benzothiazine-3-carboxylate 1,1-dioxide 100 mg
MM 0084.11 **Imp. I** (EP): Isopropyl 4-hydroxy- 2*H*-1,2-benzothiazine-3-carboxylate 1,1-dioxide 100 mg
MM 0084.02 **Imp. J** (EP): Methyl 4-hydroxy-2-methyl-2*H*-1,2-benzothiazine-3-carboxylate 1,1-dioxide 100 mg
MM 0084.03 **Imp. K** (EP): Ethyl 4-hydroxy-2-methyl-2*H*-1,2-benzothiazine-3-carboxylate 1,1-dioxide 100 mg
MM 0084.12 **Imp. L** (EP): Isopropyl 4-hydroxy-2-methyl-2*H*-1,2-benzothiazine-3-carboxylate 1,1-dioxide 100 mg
MM 0084.13 N-Methylsaccharin 100 mg
MM 0084.14 N-(2-Pyridinyl)oxamic Acid 100 mg
MM 0084.15 4-Isopropoxy-2-methyl--2-pyridinyl-2*H*-1,2-benzothiazine-3-carboxamide 1,1-dioxide 100 mg
MM 0084.16 *N,N'*-[Di-(2-pyridinyl)]oxamic Acid 100 mg
MM 0084.17 N-(2-Pyridinyl)oxamic Acid Hydrochloride 100 mg
MM 0084.20 (3-Oxo-2,3-dihydro-1,2-benzisothiazol-2-yl) carboxamide 1,1-dioxide 100 mg
MM 0084.21 *N*-(6-Methyl-2-pyridyl)-4-hydroxy-2-methyl-2*H*-1,2-benzothiazine-3-carboxamide-1,1-dioxide 100 mg
MM 0084.22 4-Methoxy-2-methyl--(2-pyridyl)-2*H*-1,2-benzothiazine-3-carboxamide-1,1-dioxide 50 mg
MM 0084.23 4-Hydroxy-2-methyl--(1-methylpyridin-2-yl)-2*H*-1,2-benzothiazine-3-carboxamide-1,1-dioxide 100 mg

Povidone

MM 0537.02 **Imp. A** (EP): *N*-Vinyl-2-pyrrolidone 100 mg
MM 0537.03 **Imp. B** (EP): 2-Pyrrolidone 100 mg
MM 0537.01 Vinyl Acetate 100 mg

Prasterone

MM 0651.00 Prasterone 500 mg

Praziquantel

MM 0615.00 Praziquantel 250 mg
MM 0615.02 **Imp. B** (EP): 2-(Cyclohexylcarbonyl)-2,3,6,7-tetrahydro-4*H*-pyrazino[2,1-*a*]isoquinolin-4-one 100 mg

Pharmaceutical impurities



Prazosin Hydrochloride

MM 0085.00	Prazosin Hydrochloride	100 mg
MM 0085.04	Imp. A (EP): 2-Chloro-6,7-dimethoxyquinazoline-4-amine	100 mg
MM 0085.05	Imp. B (EP): 1,4-Bis(furan-2-ylcarbonyl)piperazine	100 mg
MM 0085.01	Imp. C (EP): 6,7-Dimethoxy-2-(piperazin-1-yl)-quinazolin-4-amine	100 mg
MM 0085.02	Imp. D (EP): 1-(Furan-2-ylcarbonyl)piperazine	100 mg

Prednisolone

MM 0193.00	Prednisolone	500 mg
MM 0193.03	Imp. A (EP): Hydrocortisone	500 mg
MM 0193.01	(20 <i>R</i>)-Hydroxyprednisolone	50 mg
MM 0193.02	(20 <i>S</i>)-Hydroxyprednisolone	50 mg

Prednisolone Acetate

MM 0194.00	Prednisolone Acetate	500 mg
MM 0194.01	Imp. A (EP): Hydrocortisone Acetate	500 mg
MM 0194.02	Imp. B (EP): Prednisolone	500 mg

Prednisolone Pivalate

MM 0304.00	Prednisolone Pivalate	250 mg
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Prednisolone Sodium Phosphate

MM 0305.00	Prednisolone Sodium Phosphate	500 mg
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Prednisolone Sodium Sulfobenzoate

MM 0484.01	Sodium 3-Sulfobenzoate	100 mg
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Prednisone

MM 0482.00	Prednisone	250 mg
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Prednisone Acetate

MM 0196.00	Prednisone Acetate	250 mg
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Prilocaine Hydrochloride

MM 0563.00	Prilocaine Hydrochloride	500 mg
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Probenecid

MM 0657.00	Probenecid	500 mg
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Procainamide Hydrochloride

MM 0550.00	Procainamide Hydrochloride	500 mg
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Procaine Hydrochloride

MM 0596.00	Procaine Hydrochloride	500 mg
MM 0596.01	4-Aminobenzoic acid	100 mg

Progesterone

MM 0222.00	Progesterone	500 mg
MM 0222.02	Imp. A (EP): Pregna-4,14-diene-3,20-dione	50 mg
MM 0222.03	Imp. C (EP): (20 <i>R</i>)-20-Hydroxypregn-4-en-3-one	100 mg
MM 0222.01	Imp. E (EP): (20 <i>R</i>)-3-Oxopregn-4-en-20-yl Acetate	100 mg

Promazin Hydrochloride

MM 0290.00	Promazin Hydrochloride	500 mg
MM 0290.01	Imp. A (EP): 3-(10 <i>H</i> -Phenothiazin-10-yl)-, -dimethylpropan-1-amine-Oxide (<i>Promazin Sulphoxide</i>)	100 mg
MM 0157.02	Phenothiazine	100 mg
MM 0290.02	Dimethyl-3-(chloropropyl)amine Hydrochloride	100 mg

Promethazine Hydrochloride

MM 0412.00	Promethazine Hydrochloride	500 mg
MM 0157.02	Imp. A (EP): Phenothiazine	100 mg
MM 0412.04	Imp. D (EP): Promethazine Sulfoxide	100 mg

Promethazine Hydrochloride

MM 0412.00	Promethazine Hydrochloride	500 mg
MM 0412.01	Imp. A (EP): Phenothiazine	100 mg
MM 0412.04	Imp. D (EP): Promethazine Sulfoxide	100 mg

Propafenone Hydrochloride

MM 0405.00	Propafenone Hydrochloride	500 mg
MM 0405.01	5-Hydroxypropafenone Hydrochloride	100 mg



Pharmaceutical impurities

Propofol

MM 0461.00	Propofol	250 mg
MM 0461.03	Imp. A (EP): 2,4-Bis(1-methylethyl)phenol	100 mg
MM 0461.04	Imp. C (EP): 2-(1-Methylethyl)phenol	100 mg
MM 0461.02	Imp. E (EP): 3,3',5,5'-Tetrakis(1-methylethyl)bisphenyl-4,4'-dio	100 mg
MM 0461.05	Imp. F (EP): 3-(1-Methylethyl)phenol	100 mg
MM 0461.06	Imp. H (EP): 4-(1-Methylethyl)phenol	100 mg
MM 0461.07	Imp. I (EP): Oxydibenzene	100 mg

Propranolol Hydrochloride

MM 0043.00	Propranolol Hydrochloride	500 mg
MM 0043.01	Imp. A (EP): 3-(1-Naphthoxy)-1,2-propandiol	100 mg
MM 0043.03	Imp. B (EP) as Hydrochloride: 1,1'-(Isopropylimino)bis[3-(1-naphthoxy)-2-propanol] Hydrochloride	100 mg
MM 0043.04	1-Naphthol	100 mg
MM 0043.05	1-(1-Naphthoxy)-2,3-epoxypropane	100 mg

Propyl Parahydroxybenzoate

MM 0432.00	Propyl Parahydroxybenzoate	500 mg
MM 0045.01	Imp. A (EP): 4-Hydroxybenzoic Acid	100 mg
MM 0431.00	Imp. B (EP): Methyl Parahydroxybenzoate	500 mg
MM 0498.00	Imp. C (EP): Ethyl Parahydroxybenzoate	500 mg
MM 0496.00	Imp. D (EP): Butyl Parahydroxybenzoate	500 mg
MM 0432.01	Sodium Propyl Parahydroxybenzoate	100 mg

Propyphenazone

MM 0036.00	Propyphenazone	500 mg
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Proxymetacaine Hydrochloride

MM 0404.00	Proxymetacaine Hydrochloride	500 mg
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(+)-Pseudoephedrine Hydrochloride

MM 2115.00	(+)-Pseudoephedrine Hydrochloride	500 mg
MM 2115.01	α -Methylaminopropiophenone Hydrochloride	100 mg

Pyrazinamide

MM 0385.00	Pyrazinamide	500 mg
MM 0385.01	Imp. A (EP): 2-Pyrazinecarboxylic acid	100 mg

Pyridoxine Hydrochloride

MM 0021.00	Pyridoxine Hydrochloride	500 mg
MM 0021.03	Pyridoxine Diacetate	100 mg

Quinine Dihydrochloride

MM 0458.00	Quinine Dihydrochloride	500 mg
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Ranitidine Hydrochloride

MM 0086.00	Ranitidine Hydrochloride	500 mg
MM 0086.02	Imp. A (EP): <i>N,N'</i> -Bis{2-[5-(dimethylaminomethyl)furfurylthio]ethyl}-2-nitro-1,1-ethendiamine	100 mg
MM 0086.01	Imp. B (EP): <i>N,N</i> -Dimethyl-5-(2-aminoethylthiomethyl)furfurylamine	100 mg
MM 0086.03	Imp. C (EP): <i>N</i> -(2-[5-(Dimethylaminomethyl)-2-furylmethylsulphonyl]ethyl)- <i>N'</i> -methyl-2-nitro-1,1-ethendiamine (<i>Ranitidine Sulphoxide</i>)	100 mg
MM 0086.06	Imp. D (EP) as Sodium Salt: <i>N</i> -(2-[5-(Dimethylaminomethyl)-2-furfurylthio]ethyl)-2 nitroacetamide Sodium Salt	100 mg
MM 0086.04	Imp. F (EP): 5-(Dimethylaminomethyl)furfuryl Alcohol	100 mg
MM 0086.07	Imp. G (EP): 5,6-Dihydro-3-methylamino-2 <i>H</i> -1,4-thiazin-2-one Oxime	100 mg
MM 0086.08	Imp. H (EP): <i>N</i> -Methyl-2-nitroacetamide	100 mg

Reagents

MM 0334.01	Diethylhexylphthalate <i>R</i> , Bis-(2-ethylhexyl) Phthalate	500 mg
MM 0334.02	3-(γ -Morpholino)propane Sulfonic Acid (MOPS)	500 mg
MM 0334.03	3-(γ -Morpholino)ethane Sulfonic Acid (MES)	500 mg

Ribavirin

MM 0542.00	Ribavirin	250 mg
MM 0542.01	Imp. A (Pharmeuropa): 1- β - <i>D</i> -Ribofuranosyl-1 <i>H</i> -1,2,4-triazole-3-carboxylic acid	100 mg
MM 0542.03	Imp. C (Pharmeuropa): 1 <i>H</i> -1,2,4-Triazole-3-carboxylic acid	100 mg
MM 0542.04	Imp. D (Pharmeuropa): 1 <i>H</i> -1,2,4-Triazole-3-carboxamide	100 mg
MM 0542.05	Imp. E (Pharmeuropa): <i>O</i> 5-Benzoylribavirin	100 mg
MM 0542.06	Imp. F (Pharmeuropa): 5'-Acetylribavirin	100 mg

Riboflavine

MM 0030.00	Riboflavine	500 mg
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Pharmaceutical impurities



Rofecoxib

MM 0343.00 Rofecoxib

on request

Salbutamol Sulphate

MM 0381.00 Salbutamol Sulphate 500 mg
MM 0381.03 Imp. C (EP): (1RS)-2-[(1,1-Dimethylethyl)amino]-1-(4-hydroxy-3-methyl-phenyl)ethanol 50 mg

Salicylic Acid

MM 0045.00 Salicylic Acid 500 mg
MM 0045.01 Imp. A (EP): 4-Hydroxybenzoic Acid 100 mg
MM 0045.02 Imp. B (EP): 4-Hydroxyisophthalic Acid 100 mg
MM 0045.11 Imp. C (EP): Phenol 100 mg
MM 0045.12 Imidazole Salicylate 100 mg
MM 0045.13 Choline Salicylate 100 mg

Salmeterol Xinafoate

MM 0536.00 Salmeterol Xinafoate 100 mg
MM 0536.01 1-Hydroxy-2-naphthoic acid 100 mg

Secnidazole

MM 0119.00 Secnidazole 100 mg
MM 0119.02 2-Methyl-5-nitromidazole 100 mg

Sertraline

MM 0317.00 Sertraline 100 mg
MM 0317.01 Sertraline Hydrochloride 100 mg

Silybin

MM 0472.00 Silybin 100 mg

Simvastatin

MM 0158.00 Simvastatin 100 mg
MM 0158.01 Imp. A (EP) as Sodium Salt: Simvastatin Hydroxy Acid Sodium Salt 100 mg
MM 0050.00 Imp. E (EP): Lovastatin 100 mg

Sodium Cromoglicate

MM 0039.00 Sodium Cromoglicate 500 mg
MM 0039.02 1,3-Bis(2-acetyl-3-hydroxyphenoxy)-2-propanol 100 mg
MM 0039.03 2',6'-Dihydroxyacetophenone 100 mg
MM 0039.04 Ethyl Cromoglicate 100 mg

Sodium Picosulfate

MM 0054.00 Sodium Picosulfate 500 mg
MM 0031.01 Imp. A (EP): 4,4'-(2-Pyridinylmethylene)bisphenol 100 mg
MM 0054.01 Imp. B (EP): Sodium 4-[(4-Hydroxyphenyl)-(2-pyridinyl)methyl]phenyl Hydrogensulphate 100 mg
MM 0031.04 2,4'-(2-Pyridinylmethylene)bisphenol 100 mg
MM 0054.02 Disodium 2,4'-(2-Pyridinylmethylene)bisphenyl Bis(hydrogensulphate) 100 mg

Sotalol Hydrochloride

MM 0046.00 Sotalol Hydrochloride 100 mg
MM 0046.01 Imp. A (EP) as Hydrochloride: 4'-(2-Isopropylaminoethyl)methanesulphonanilide Hydrochloride 100 mg
MM 0046.02 Imp. B (EP) as Hydrochloride: 4'-(Isopropylaminoacetyl)methanesulphonanilide Hydrochloride 100 mg
MM 0046.03 Imp. C (EP): 4'-Formylmethanesulphonanilide 100 mg

Spironolactone

MM 0197.00 Spironolactone 500 mg

Strychnine Nitrate

MM 0658.00 Strychnine Nitrate 500 mg

Sulfacetamide

MM 0623.00 Sulfacetamide 500 mg

Sulfadiazine

MM 0623.00 Sulfadiazine 500 mg

Sulfamerazine

MM 0581.00 Sulfamerazine 500 mg

Sulfamethoxazole

MM 0227.00 Sulfamethoxazole 500 mg
MM 0227.01 4-Acetylamino-N-(5-methyl-3-isoxazolyl)benzenesulfonamide 100 mg
MM 0227.02 3-Amino-5-methylisoxazole 100 mg

2004 Catalog of Reference Materials for Pharmaceutical Analysis

**Sulfathiazole**

MM 0578.00

Sulfathiazole

500 mg

Sulindac

MM 0624.00

Sulindac

500 mg

Sulpiride

MM 0051.00

Sulpiride

500 mg

MM 0051.01

Imp. A (EP): (1-Ethylpyrrolidin-2-ylmethyl)azane

100 mg

MM 0051.02

Imp. B (EP): Methyl 2-Methoxy-5-sulphamoylbenzoate

100 mg

MM 0051.03

Imp. C (EP): Ethyl 2-Methoxy-5-sulphamoylbenzoate

100 mg

MM 0051.04

Imp. D (EP): 2-Methoxy-5-sulphamoylbenzoic Acid

100 mg

MM 0051.05

Imp. E (EP): 2-Methoxy-5-sulphamoylbenzamide

100 mg

MM 0051.06

Imp. F (EP): *N*-(1-Ethyl-1-oxo-1(5)-pyrrolidin-2-ylmethyl)-2-methoxy-5-sulphamoylbenzamide (*Sulpiride N-Oxide*)

100 mg

MM 0051.07

Imp. G (EP): -(1-Ethylpyrrolidin-2-ylmethyl)-2-hydroxy-5-sulphamoylbenzamide

100 mg

MM 0051.08

5-Sulphamoylsalicylic Acid

100 mg

MM 0051.09

5-Sulphosalicylic acid Dihydrate

100 mg

Tamoxifen Citrate

MM 0053.00

Tamoxifen Citrate

100 mg

MM 0053.02

Imp. B (EP): 1-[4-(2-Dimethylaminoethoxy)phenyl]-1,2-diphenylbutan-1-ol

100 mg

MM 0053.03

Imp. C (EP): {(*EZ*)-2-[4-(1,2-Diphenylvinyl)phenoxy]ethyl}dimethylazane

100 mg

MM 0053.04

Imp. D (EP): {(*EZ*)-2-[4-(1,2-Diphenylprop-1-en-1-yl)phenoxy]ethyl}dimethylazane

100 mg

MM 0053.05

Imp. E (EP): {(*EZ*)-2-[2-(1,2-Diphenylbut-1-en-1-yl)phenoxy]ethyl}dimethylazane

100 mg

MM 0053.06

Imp. F (EP): {(*Z*)-2-[4-(1,2-Diphenylbut-1-en-1-yl)phenoxy]ethyl}methylazane

100 mg

MM 0053.07

Imp. G (EP): 1-[4-(2-Dimethylaminoethoxy)phenyl]-2-phenylbutan-1-one

100 mg

MM 0053.08

1,3-Diphenylbutan-1-one

100 mg

MM 0053.09

1-(4-Methoxyphenyl)-1,2-diphenyl-butan-1-ol

100 mg

MM 0053.10

(E*Z*)-1-(4-Hydroxyphenyl)-1,2-diphenyl-but-1-ene

100 mg

Temazepam

MM 0087.00

Temazepam **Controlled Substance**

100 mg

MM 0023.01

Imp. A (EP): 5-Chloro-2-(methylamino)benzophenone

100 mg

Terfenadine

MM 0055.00

Terfenadine

500 mg

MM 0055.04

Imp. A (EP): 4-*tert*-Butyl-4-{4-[hydroxy(diphenyl)methyl]piperidino}butyrophenone

100 mg

MM 0055.07

Imp. B (EP): 4-(4-Benzhydrylpiperidino)-1-(4-*tert*-butylphenyl)-1-butanol

100 mg

MM 0055.01

Imp. E (EP): 1-[4-(4-*tert*-Butylphenyl)-4-hydroxybutyl]-4-piperidinecarboxylic Acid

100 mg

MM 0055.09

Imp. G (EP): {1-[4-(4-*tert*-Butylphenyl)-3-butenyl]-4-piperidinyldiphenylmethanol

100 mg

MM 0055.10

Imp. H (EP): {1-[4-(4-*tert*-Butylphenyl)butyl]-4-piperidinyldiphenylmethanol

100 mg

MM 0055.02

Imp. I (EP): Diphenyl-(4-piperidinyldiphenyl)methanol (*Azacyclonol*)

100 mg

MM 0055.03

Imp. J (EP): Ethyl {1-[4-(4-*tert*-Butylphenyl)-4-hydroxybutyl]-4-piperidinecarboxylate}

100 mg

Testosterone

MM 0323.00

Testosterone

500 mg

MM 0323.01

Imp. A (EP): Androstenedione

100 mg

MM 0323.02

Imp. B (EP): Androstenedione Enolether

100 mg

MM 0323.06

Imp. F (Pharmeuropa): Stenolone

250 mg

Testosterone Benzoate

MM 0493.00

Testosterone Benzoate

250 mg

MM 0493.01

Testosterone

500 mg

MM 0493.02

Benzoic acid

100 mg

Tetracaine Hydrochloride

MM 0504.00

Tetracaine Hydrochloride

500 mg

MM 0504.01

4-Butylaminobenzoic acid

100 mg

Tetracycline Hydrochloride

MM 0452.00

Tetracycline Hydrochloride

500 mg

Tetrazepam

MM 0091.00

Tetrazepam **Controlled Substance**

100 mg

MM 0091.03

5-(1-Cyclohexenyl)-7-chloro-1*H*-1,4-benzodiazepin-2(3*H*)-one

100 mg

MM 0091.52

2-Bromoacetamino-5-chlorophenylcyclohexylketon

100 mg

MM 0091.56

2-Methyl-6-chloro-4,4-dicyclohexyl-4*H*-3,1-benzoxazin

100 mg

Tetryzoline Hydrochloride

MM 0088.00

Tetryzoline Hydrochloride

100 mg

MM 0088.01

(1,2,3,4-Tetrahydro-1-naphthyl)formylethylendiamine

100 mg

MM 0088.02

(1,2,3,4-Tetrahydro-1-naphthyl)formic Acid

100 mg

MM 0088.03

1,2,3,4-Tetrahydro-1-naphthionitrile

100 mg

MM 0088.04

Methyl (1,2,3,4-Tetrahydro-1-naphthalin)carboxylate

100 mg

Pharmaceutical impurities



Theobromine

MM 0577.00 Theobromine 500 mg

Theophylline

MM 0176.00 Theophylline 500 mg
 MM 0176.01 Theophyllidine 100 mg
 MM 0176.02 *N*-[6-Amino-1,3-dimethyl-2,4(1*H*,3*H*)-dioxypyrimidin-5-yl]formamide 100 mg
 MM 0176.03 3-Methylxanthin 100 mg
 MM 0176.04 1-Methylxanthin 100 mg
 MM 0176.05 7-Methylxanthin 100 mg

Thiamine Hydrochloride

MM 0049.00 Thiamine Hydrochloride (*Vitamin B₁*) 500 mg
 MM 0049.02 5-(2-Hydroxyethyl)-4-methylthiazole 100 mg
 MM 0049.04 4-Amino-5-hydroxymethyl-2-methylpyrimidine Hydrochloride 100 mg

Tiabendazole

MM 0602.00 Tiabendazole 500 mg
 MM 0602.01 Imp. A (EP): Benzene-1,2-diamine 100 mg

Tiamulin Hydrogen Fumarate

MM 0394.00 Tiamulin Hydrogen Fumarate 100 mg
 MM 0352.02 Fumaric Acid 100 mg

Ticlopidine Hydrochloride

MM 0150.00 Ticlopidine Hydrochloride 500 mg
 MM 0150.06 **Imp. B** (EP): 6,7-Dihydrothieno[3,2-*c*]pyridin-4(5*H*)-one 100 mg
 MM 0150.05 **Imp. C** (EP): as Hydrochloride (2-Chlorophenyl)methylamine 100 mg
 MM 0150.07 **Imp. D** (EP): as Hydrochloride: 5-Benzyl-4,5,6,7-tetrahydrothieno[3,2-*c*]pyridine Hydrochloride 100 mg
 MM 0150.08 **Imp. G** (EP): as Hydrochloride: 5-(3-Chlorobenzyl)-4,5,6,7-tetrahydrothieno[3,2-*c*]pyridine Hydrochloride 100 mg
 MM 0150.09 **Imp. H** (EP): as Hydrochloride: 5-(4-Chlorobenzyl)-4,5,6,7-tetrahydrothieno[3,2-*c*]pyridine Hydrochloride 100 mg
 MM 0150.11 **Imp. I** (EP): as Hydrochloride: *N*-(2-Chlorobenzyl)-2-(thiophen-2-yl)ethanamine Hydrochloride 100 mg
 MM 0150.10 **Imp. J** (EP): as Hydrochloride: *N,N'*-Bis(2-Chlorobenzyl)ethane-1,2-diamine Hydrochloride 100 mg
 MM 0150.04 *N*-[β-(2-Thienyl)ethyl]-2-chlorobenzylamine 100 mg

Tilidine Hydrochloride

MM 0134.00 Tilidine Hydrochloride Hemihydrate **Controlled Substance** 100 mg
 MM 0134.01 **Imp. A** (Pharmeuropa): Ethyl 2*RS*-Dimethylamino-1*RS*-phenyl-cyclohex-3-ene-1-carboxylate (*cis*-Tilidine) **Controlled Substance** 100 mg
 MM 0134.03 Ethyl 2-phenyl-3-dimethylaminopropionate Hydrochloride 100 mg
 MM 0134.05 Tilidine **Controlled Substance** 100 mg

Timolol Maleate

MM 0440.00 Timolol Maleate 250 mg

Tolazoline Hydrochloride

MM 0585.00 Tolazoline Hydrochloride 500 mg

Tolmetin Sodium Dihydrate

MM 0571.00 Tolmetin Sodium Dihydrate 250 mg

Tramadol Hydrochloride

MM 0007.00 Tramadol Hydrochloride 500 mg
 MM 0007.01 **Imp. A** (Pharmeuropa) as Hydrochloride: (1*RS*,2*SR*)-2-(Dimethylaminomethyl)-1-(3-methoxyphenyl)cyclohexanol Hydrochloride 100 mg
 MM 0007.03 **Imp. B** (Pharmeuropa) as Hydrochloride: [2-(3-Methoxyphenyl)-cyclohex-1-en-yl]-*N,N*-dimethylmethanamine Hydrochloride 100 mg
 MM 0007.04 **Imp. C** (Pharmeuropa) as Hydrochloride: (1*RS*)-[2-(3-Methoxyphenyl)-cyclohex-2-en-yl]-*N,N*-dimethylmethanamine Hydrochloride 100 mg
 MM 0007.06 **Imp. D** (Pharmeuropa) as Hydrochloride: (1*RS*,2*RS*)-2-{Dimethylamino)methyl}-1-(3-hydroxyphenyl)cyclohexanol Hydrochloride 100 mg
 MM 0007.02 **Imp. E** (Pharmeuropa) as Hydrochloride: (2*RS*)-2-(Dimethylaminomethyl)cyclohexanone Hydrochloride 100 mg
 MM 0007.05 3-Bromoanisole 100 mg
 MM 0007.09 3-Methoxyphenol 100 mg
 MM 0007.50 [1-(3-Hydroxyphenyl)-cyclohex-1-en-2-yl]-*N,N*-dimethylmethanamine Hydrochloride 100 mg

Tranexamic Acid

MM 0330.00 Tranexamic Acid 500 mg
 MM 0330.04 **Imp. D** (EP): 4-Aminomethylbenzoic Acid 100 mg

Triamcinolone

MM 0508.00 Triamcinolone 250 mg
 MM 0508.01 **Imp. A** (EP): Triamcinolone 16,21-Diacetate 100 mg
 MM 0508.03 **Imp. C** (EP): Pretriamcinolone 50 mg



Pharmaceutical impurities

Triamcinolone Acetonide

MM 0198.00	Triamcinolone Acetonide	250 mg
MM 0198.01	Imp. A (EP): Triamcinolone	250 mg
MM 0198.02	Triamcinolone 16,21-Diacetate	100 mg

Triamcinolone Hexacetonide

MM 0306.00	Triamcinolone Hexacetonide	100 mg
MM 0198.00	Imp. A (EP): Triamcinolone Acetonide	250 mg
MM 0198.01	Triamcinolone	250 mg

Triamterene

MM 0269.00	Triamterene	500 mg
MM 0269.01	Sodium Hydroxytriamterene Sulfate	100 mg

Tributyl O-Acetylcitrate

MM 0499.00	Tributyl O-Acetylcitrate	500 mg
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Triclosan

MM 0610.00	Triclosan	500 mg
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Trihexyphenidyl Hydrochloride, Benzhexol Hydrochloride

MM 0237.00	Trihexyphenidyl Hydrochloride, Benzhexol Hydrochloride	500 mg
MM 0237.01	Acetophenone	100 mg
MM 0237.02	3-Piperidinopropionphenone	100 mg

Trimebutine

MM 0417.00	Trimebutine	500 mg
MM 0417.05	Trimebutine Maleate	500 mg
MM 0417.06	3,4,5-Trimehtoxybenzoic acid	100 mg

Trimetazidine Dihydrochloride

MM 0539.03	Imp. C (EP): 2,3,4-Trimethoxybenzaldehyde	100 mg
MM 0539.04	Imp. D (EP): (2,3,4-Trimethoxyphenyl)methanol	100 mg
MM 0539.07	Imp. G (EP): Piperazine	100 mg

Trimethoprim

MM 0093.00	Trimethoprim	500 mg
MM 0093.06	Imp. A (EP): <i>N</i> 2-Methyl-5-(3,4,5-trimethoxybenzyl)pyrimidine-2,4-diamine	100 mg
MM 0093.01	Imp. B (EP): (2,4-Diaminopyrimidin-5-yl) (3,4,5-trimethoxyphenyl)methanone	100 mg
MM 0093.08	Imp. C (EP): (<i>RS</i>)-(2,4-Diaminopyrimidin-5-yl) (3,4,5-trimethoxyphenyl)methanol	100 mg
MM 0093.04	Imp. D (EP): 2-Amino-5-(3,4,5-trimethoxybenzyl)pyrimidin-4-ol	100 mg
MM 0093.03	Imp. E (EP): 4-Amino-5-(3,4,5-trimethoxybenzyl)pyrimidin-2-ol	100 mg
MM 0093.09	Imp. F (EP): 5-(3-Bromo-4,5-dimethoxybenzyl)pyrimidine-2,4-diamine	100 mg
MM 0093.10	Imp. G (EP): 5-(4-Ethoxy-3,5-dimethoxybenzyl)pyrimidine-2,4-diamine	100 mg
MM 0093.11	Imp. H (EP): Methyl 3,4,5-Trimethoxybenzoate	100 mg
MM 0093.12	Imp. I (EP): 3-(Phenylamino)-2-(3,4,5-trimethoxybenzyl)prop-2-enenitrile	100 mg
MM 0093.13	Imp. J (EP): 3,4,5-Trimethoxybenzoic Acid	100 mg
MM 0093.15	Imp. K (EP): Aniline	100 mg
MM 0093.02	5-(3,4,5-Trimethoxybenzyl)pyrimidin-2,4-diol	100 mg
MM 0093.05	2-Amino-5-(4-hydroxy-3,5-dimethoxybenzyl)pyrimidin-4-ol	100 mg
MM 0093.07	<i>N</i> 4-Methyl-5-(3,4,5-trimethoxybenzyl)pyrimidine-2,4-diamine	100 mg

Trimipramine Maleate

MM 0240.00	Trimipramine Maleate	500 mg
MM 0240.01	Trimipramine	100 mg
MM 0240.02	Desmehtyltrimipramine Hydrochloride	100 mg
MM 0240.03	Iminodibenzyl	100 mg

Tropicamide

MM 0601.00	Tropicamide	250 mg
MM 0601.01	Imp. A (EP): <i>N</i> -(Pyridin-4-ylmethyl)ethanamine	100 mg
MM 0601.03	Imp. C (EP): Tropic acid	100 mg

L-Tryptophan

MM 0172.00	L-Tryptophan	500 mg
MM 0172.09	Imp. A (EP): 3,3'-[Ethylidenebis(1 <i>H</i> -indole-1,3-diyl)]bis[(2 <i>S</i>)-2-aminopropanoic] Acid (1,1'-Ethylidenebistryptophan)	100 mg

Valsartan

MM 0487.00	Valsartan	100 mg
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Pharmaceutical impurities



Verapamil Hydrochloride

MM 0022.00	Verapamil Hydrochloride	500 mg
MM 0022.02	Imp. D (EP): 3-Chloro- <i>N</i> -[2-(3,4-dimethoxyphenyl)ethyl]- <i>N</i> -methylpropyl-1-amine	100 mg
MM 0022.05	Imp. E (EP): (3,4-Dimethoxyphenyl)methanol	100 mg
MM 0022.04	Imp. G (EP): 3,4-Dimethoxybenzaldehyde	100 mg
MM 0022.01	Imp. J (EP): (2 <i>RS</i>)-2-(3,4-Dimethoxyphenyl)-5-[[2-(3,4-dimethoxyphenyl)-ethyl]amino]2-(1-methylethyl)pentyl nitrile (<i>N-Norverapamil</i>)	100 m
MM 0022.03	Imp. K (EP): (2 <i>RS</i>)-2-(3,4-Dimethoxyphenyl)-3-methylbutyl nitrile	100 mg
MM 0022.06	Diisopropylhomoveratylcyanide	100 mg

Vincamine

MM 0519.00	Vincamine	100 mg
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Vinpocetine

MM 0406.00	Vinpocetine	100 mg
MM 0406.01	Apovincamine	100 mg
MM 0406.02	Ethyl Vincamate	100 mg

Xylazine Hydrochloride

MM 0515.00	Xylazine Hydrochloride	500 mg
MM 0515.01	Imp. A (EP): 2,6-Dimethylaniline	100 mg

Xylometazoline Hydrochloride

MM 0089.00	Xylometazoline Hydrochloride	500 mg
MM 0089.01	Imp. A (EP): (4- <i>tert</i> .-Butyl-2,6-dimethylphenyl)acetylenediamine	100 mg
MM 0089.02	(4- <i>tert</i> .-Butyl-2,6-dimethylphenyl)acetic Acid	100 mg
MM 0089.03	(4- <i>tert</i> .-Butyl-2,6-dimethylphenyl)acetonitrile	100 mg
MM 0089.04	4- <i>tert</i> .-Butyl-2,6-dimethylbenzyl Chloride	100 mg

Zopiclone

MM 0149.00	Zopiclone	100 mg
MM 0149.01	Imp. A (EP): Zopiclone Oxide	100 mg
MM 0149.02	Imp. B (EP): (7 <i>RS</i>)-6-(5-Chloropyridin-2-yl)-7-hydroxy-6,7-dihydro-5 <i>H</i> -pyrrolo[3,4- <i>b</i>]pyrazin-5-one	100 mg
MM 0149.04	2-Amino-5-chloropyridine	250 mg
MM 0149.05	3-(5-Chloropyridine-2-carbamoyl)-2-pyrazinecarboxylic Acid	100 mg
MM 0149.06	6-(5-Chloropyridine-2-yl)-6,7-dihydro-5 <i>H</i> -pyrrolo[3,4- <i>b</i>]pyrazin-5,7-dione	100 mg
MM 0149.07	5-(Chloropyridine-2-yl-carbamoyl)pyrazine	100 mg
MM 0149.08	6-Pyridine-2-yl-7-oxo-6,7-dihydro-5 <i>H</i> -pyrrolo[3,4- <i>b</i>]pyrazin-5-yl-methylpiperazine-1-carboxylate	100 mg
MM 0149.50	2-Acetyl amino-5-chloropyridine	100 mg



2004 Pricing Information

This price list contains the standard catalog prices for the products described in the Catalog of Reference Materials for Pharmaceutical Analysis, 2004 Edition.

Prices

Prices states are in US Dollars and are F.O.B. shipping point.

PRICES ARE SUBJECT TO CHANGE

Delivery

Shipping charges will apply to all orders and will be quoted on our order confirmation.
Shipping charges for controlled substances and cold-packs will be quoted on request.

Orders

Orders may be places by telephone, fax, email, or postal mail.

Telephone: (800)576-5690 or (307)742-5452

Fax: (307)745-7936

Email: Orders@RT-Corp.com

Postal Address: R.T. Corporation
P.O. Box 1346
Laramie, WY 82073
USA

European Pharmacopoeia (Pages 4-42)

Standard EP Reference Substances and Spectra

\$145.00

Other Products (starred standards)

Code	Product	Unit	Price
EPA0325450	Alfacalcidol	5 mg	\$715.00
EPA1206000	Lactos (anhydrous)	200 mg	\$273.00
EPA1250000	Aprotinin solution BRP	0.5 ml	\$273.00
EPB1142000	Bordetella pertussis mouse antiserum BRP	0.5 mg	\$336.00
EPB1143000	Bromazepam-list IV	60 mg	\$273.00
EPC0166000	Calcifediol	5 mg	\$455.00
EPC0225000	Calcitriol	10 mg	\$1,550.00
EPC0600000	Casein BRP	100000 mg	\$364.00
EPC0950000	Certoparin sodium	250 mg	\$273.00
EPC2100000	Cholecalciferol	500 mg	\$273.00
EPC2150000	Cholecalciferol for performance test	1ml	\$273.00
EPC2155000	Cholesterol	60 mg	\$273.00
EPC2160000	Chymotrypsin BRP	100 mg	\$273.00
EPC2750000	Corticotropin	2 mg	\$273.00
EPC2424400	Clostridia (multicomponent) rabbit antiserum (for vaccines-vet.use) BRP	1 mg	\$336.00
EPC2424500	Clostridium tetani guinea pig antiserum (for vaccines-vet. use) BRP	1 mg	\$336.00
EPC2424550	Clostridium tetani guinea pig antiserum (for vaccines-human use) BRP	1 ml	\$336.00
EPC2425600	Clostridium tatani rabbit antiserum (for vaccines vet. use)	1 mg	\$217.00
EPD0070000	Dalteparin sodium	250 mg	\$273.00
EPD2250015	Dinoprostone Impurity C	10 mg	\$475.00
EPD2700000	Diphtheria vaccine (absorbed)	32 mg	\$336.00
EPE0180000	Enoxaparin sodium	250 mg	\$273.00

Pricing Information



European Pharmacopoeia (Pages 4-42) continued

Code	Product	Unit	Price
EPE0200000	Enterokinase BRP	500 mg	\$273.00
EPE0850010	Equine influenza subtype 1 horse antiserum	1 ml	\$301.00
EPE0850021	Equine influenza subtype 2 American-like horse antiserum	1 ml	\$301.00
EPE0850022	Equine influenza subtype 2 European-like horse antiserum	1 ml	\$301.00
EPE1515000	Erythropoietin BRP batch 1	0.25 mg	\$414.00
EPG0350000	Glucagon	10 mg	\$273.00
EPH0185000	Heparin LMM for assay BRP	1 ml	\$385.00
EPH0190000	Heparin LMM for calibration BRP	25 mg	\$385.00
EPH0200000	Heparin sodium BRP	2ml	\$273.00
EPH0205005	Hepatitis A vaccine (inactivated, adsorbed) type A	1 ml	\$336.00
EPH0205010	Hepatitis A vaccine (inactivated, adsorbed) type B	0.5 ml	\$336.00
EPH0205015	Hepatitis A vaccine (inactivated, adsorbed) type C	1.2 ml	\$336.00
EPH0210010	Hepatitis B vaccine (rDNA) method A	1300 mg	\$336.00
EPH0210010	Hepatitis B vaccine (rDNA) method B	1300 mg	\$336.00
EPH0215000	Hepatitis C Virus	40 mg	\$477.00
EPH0920000	Human coagulation Factor VIII concentrate BRP	34 mg	\$336.00
EPH0920500	Human coagulation Factor IX concentrate BRP	30 mg	\$336.00
EPH0950000	Human hepatitis A immunoglobulin BRP	10 mg	\$336.00
EPH0990000	Human immunoglobulin BRP	1320 mg	\$336.00
EPH1000000	Human immunoglobulin for electrophoresis BRP	96 mg	\$336.00
EPH1005000	Human Plasma Pools for NAT validation	3502 mg	\$715.00
EPH1100000	Human rabies immunoglobulin BRP	1 mg	\$336.00
EPH1110000	Human tetanus immunoglobulin BRP	87 mg	\$336.00
EPH1115000	Hyaluronidase BRP	50 mg	\$273.00
EPI0305000	Insulin (bovine)	150 mg	\$390.00
EPI0310000	Insulin (human)	6.84 mg	\$336.00
EPI0320000	Insulin (porcine)	9.74 mg	\$390.00
EPI0320300	Interferon alfa 2a	0.5 ml	\$371.00
EPI0320301	Interferon alfa 2b	0.2 ml	\$371.00
EPI0320330	Interferon gamma 1b	0.6 ml	\$371.00
EPI0320331	Interferon gamma 1b validation solution	0.2 ml	\$371.00
EPL0100000	Lactose	100 mg	\$273.00
EPL0129000	Lactitol monohydrate	200 mg	\$273.00
EPL0130000	Lactulose	3000 mg	\$273.00
EPM0210000	Measles vaccine (live) BRP	80 mg	\$301.00
EPN0025000	Nadroparin calcium	250 mg	\$273.00
EPO0700000	Oxytocin	1.24 mg	\$336.00
EPP0100000	Pancreas powder (amylase and lipase) BRP	2 g	\$273.00
EPP0200000	Pancreas powder (protease) BRP	2 g	\$273.00
EPP0305000	Parnaparin sodium	250 mg	\$273.00
EPP0525000	Pepsin powder BRP	150 mg	\$273.00
EPP2160000	Poliomyelitis vaccine (inactive)	0.6 mg	\$371.00
EPP2161000	Poliomyelitis vaccine (oral) BRP	1 ml	\$336.00
EPR0100000	Rabies vaccine (inactive) for vet. use BRP	86 mg	\$336.00
EPR1300000	RK13 cells	1 ml	\$385.00
EPR2000000	Rubella vaccine (live) BRP	18 mg	\$371.00
EPS0780000	Sodium hyaluronate BRP	300 mg	\$273.00
EPS0900000	Sodium taurocholate BRP	25000 mg	\$273.00
EPS0945000	Somatostatin	2.55 mg	\$336.00
EPS0947000	Somatropin	2.2 mg	\$336.00
EPS5000001	Swine erysipelas bacteria, serotyp 1	1 mg	\$336.00
EPS5000002	Swine erysipelas bacteria, serotyp 2	1 mg	\$336.00
EPT0400000	Tetanus vaccine adsorbed)	11 mg	\$336.00
EPT1490000	Tinzaparin sodium	250 mg	\$273.00
EPT2600000	Trypsin BRP	100 mg	\$273.00
EPV0180000	VERO cells	1 ml	\$385.00



Pricing Information

International Commission on Pharmaceutical Enzymes (Page 43-44)

Code	Product	Unit	Price
FIP 1	Amylase (fungal)	2 g	on request
FIP 2(EP)	Amylase (pancreatic)	2 g	\$210.00
FIP 3	Asp. Protease	2 g	on request
FIP 4	Bromelain	250 mg	on request
FIP 5	Cellulase	1 g	on request
FIP 6(EP)	Chymotrypsin	100 mg	on request
FIP 7	Lipase (fungal)	2 g	\$361.00
FIP 8(EP)	Lipase (pancreatic)	2 g	\$210.00
FIP 9	Lysozyme hydrochloride	250 mg	\$361.00
FIP 10	Papain	2 g	on request
FIP 11(EP)	Pepsin	2 g	\$210.00
FIP 12(EP)	Protease (pancreatic)	2 g	\$210.00
FIP 13(EP)	Trypsin	100 mg	\$210.00
FIP 14(EP)	Enterokinase	500 mg	on request
FIP 15(EP)	Hyaluronidase	50 mg	on request
Substrates			
FIP 16	Micrococcus Luteus sp.	1 g	\$361.00
FIP 17(EP)	Amylum solubile	100 g	\$210.00
FIP 18(EP)	Casein	100 g	\$361.00
FIP 19	Haemoglobin	25 g	on request
FIP 20	Hydroxyethylcellulose	100 g	\$361.00
FIP 21(EP)	Sodium taurocholate	25 g	\$210.00
FIP 22(EP)	Sodium hyaluronate	300 mg	\$210.00

British Pharmacopeia (Pages 45-54)

BP Chemical Reference Substances **\$175.00**

BP Assay Tests (with declared assay or purity) **\$204.00**

BP Controlled Substances (additional charge per order) **\$50.00**

Pharmacopée Française (Pages 55-57)

Pharmacopée Française Reference Substances **\$150.00**

Japanese Pharmacopeia (Pages 58-61)

Reference Substances from SJP **Call for Pricing and Delivery**
(Society of Japanese Pharmacopeia)

Reference Substances from NIHS **Call for Pricing and Delivery**
(National Institute of Health Sciences)

Pricing Information



Pharmacopeia Helvetica (Page 62)

Pharmacopeia Helvetica Reference Substances

\$255.00

International Pharmacopeia (Pages 63-67)

International Pharmacopeia Reference Preparations

\$210.00

Institute of Dyes and Organic Products (IBPO) Poland (Page 68)

Institute of Dyes and Organic Products

\$125.00

Pharmaceutical Research Institute (Page 69)

Code	Product	Unit	Price
PRI 137	Acamprosate calcium	1 g	\$87.00
PRI 101	Alfacalcidol	10 mg	available on request
PRI 102	Alfacalcidol impurity B trans-1 α -Hydroxycholecalciferol	5 mg	available on request
PRI 103	Alfacalcidol impurity C 1 β -Hydroxycholecalciferol	5 mg	available on request
PRI 104	Aminoglutethimide	250 mg	available on request
PRI 130	Bambuterol Hydrochloride	50 mg	\$494.00
PRI 124	Bicalutamide	100 mg	\$165.00
PRI 105	Budesonide R	100 mg	\$770.00
PRI 106	Calcifediol monohydrate	75 mg	available on request
PRI 107	Calcitriol	10 mg	available on request
PRI 108	Calcitriol impurity C 1 β , 25-Dihydroxycholecalciferol	5 mg	available on request
PRI 142	Carbocysteine	500 mg	available on request
PRI 109	Carvedilol	100 mg	\$195.00
PRI 129	Cisapride monohydrate	50 mg	\$165.00
PRI 141	Enalaprilat	250 mg	available on request
PRI 140	Felodipine	500 mg	available on request
PRI 126	Finasteride	5 mg	available on request
PRI 110	Flumethasone	100 mg	available on request
PRI 111	Flutamide	250 mg	available on request
PRI 138	Genistein	10 mg	\$165.00
PRI 136	Gosereline acetate	5 mg	\$165.00
PRI 112	Idarubicin HCl	10 mg	available on request
PRI 125	Lamotrigine	100 mg	\$165.00
PRI 128	Lansoprazole	100 mg	\$96.00
PRI 114	Lomustine	50 mg	available on request
PRI 115	Lomustine impurity 1-(2-Chloroethyl)-3-cyclohexylurea	100 mg	available on request
PRI 116	Lomustine impurity 1,3-Dicyclohexylurea	100 mg	available on request
PRI 143	Midazolam Intermediate	100 mg	available on request
PRI 117	Mitoxantrone Dihydrochloride	100 mg	available on request
PRI 118	Moclobemide	100 mg	\$165.00
PRI 119	Nicorandil	100 mg	available on request
PRI 120	Nitrendipine	250 mg	\$165.00
PRI 131	Norfluoxetine Oxalate	50 mg	\$302.00
PRI 121	Olanzapine	100 mg	\$165.00
PRI 133	Oxaceprol	500 mg	available on request
PRI 127	Piribedil	100 mg	\$96.00
PRI 132	Proscillaridin	100 mg	available on request
PRI 134	R-(+)-Aminoglutethimide	100 mg	\$266.00
PRI 135	S-(-)-Aminoglutethimide	100 mg	\$266.00
PRI 122	Timolol maleate	100 mg	available on request
PRI 123	Xylazine HCl	1 g	available on request