



PMRJ Reference Standards Catalog



1. Japanese Pharmacopoeia Reference Standards

Reference Standard	Package Size	Use	
		Monograph in Japanese Pharmacopoeia	Test or assay item ^{*1}
Aceglutamide	250 mg	Aceglutamide Aluminum	I/ TLC A/ LC
Acetaminophen	300 mg	Acetaminophen	I/ IR A/ UV-VIS
Aciclovir	100 mg	Aciclovir	I/ UV-VIS I/ IR
			A/ LC
		Aciclovir for Injection	A/ UV-VIS
		Aciclovir Injection	A/ LC
		Aciclovir Ointment	A/ UV-VIS
		Aciclovir for Syrup	U/ LC D/ UV-VIS
Adrenaline Bitartrate	50 mg		A/ LC
		Aciclovir Syrup	D/ UV-VIS A/ LC
		Noradrenaline	P/ CC
Alendronate Sodium	150 mg	Noradrenaline Injection	P/ CC
		Alendronate Sodium Hydrate	I/ IR A/ LC
		Alendronate Sodium Injection	A/ LC
		Alendronate Sodium Tablets	U/ LC D/ LC
Alprostadil	10 mg		A/ LC
		Alprostadil	I/ UV-VIS I/ IR
			A/ LC
		Alprostadil Injection	I/ TLC A/ LC
<i>p</i> -Aminobenzoyl Glutamic Acid	500 mg	Alprostadil Alfadex	A/ LC
		Folic Acid	P/ CA
Amitriptyline Hydrochloride	100 mg	Amitriptyline Hydrochloride	I/ UV-VIS
		Amitriptyline Hydrochloride Tablets	U/ UV-VIS D/ UV-VIS
Amlexanox	300 mg		A/ UV-VIS
		Amlexanox	I/ UV-VIS I/ IR
			A/ LC
Amlodipine Besilate	150 mg	Amlexanox Tablets	U/ LC D/ UV-VIS
			A/ LC
		Amlodipine Besilate	I/ UV-VIS I/ IR
			A/ LC
Ascorbic Acid	1 g	Amlodipine Besilate Tablets	U/ LC A/ LC
		Amlodipine Besilate Orally Disintegrating Tablets	U/ LC A/ LC
		Ascorbic Acid Injection	A/ ST
Aspirin	300 mg	Ascorbic Acid Powder	A/ ST
		Human Menopausal Gonadotrophin	P/ CA
Atorvastatin Calcium	150 mg	Aspirin Aluminum	A/ UV-VIS
		Atorvastatin Calcium Hydrate	I/ UV-VIS I/ IR
			A/ LC
		Atorvastatin Calcium Tablets	U/ LC D/ LC
Atropine Sulfate	250 mg		A/ LC
		Atropine Sulfate Injection	I/ TLC A/ LC
		Morphine and Atropine Injection	A/ LC
		Opium Alkaloids and Atropine Injection	I/ TLC A/ GC
		Compound Oxycodone and Atropine Injection	A/ GC
		Belladonna Root	I/ TLC A/ LC
		Belladonna Extract	I/ TLC A/ LC
		Scopolia Extract	I/ TLC A/ LC
		Scopolia Extract Powder	I/ TLC A/ LC
		Scopolia Extract and Ethyl Aminobenzoate Powder	I/ TLC
		Scopolia Rhizome	I/ TLC A/ LC
Auranofin	100 mg	Auranofin	I/ IR A/ LC
		Auranofin Tablets	U/ LC D/ LC
			A/ LC
Azathioprine	600 mg	Azathioprine	I/ UV-VIS

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Baclofen	800 mg	Azathioprine Tablets	I/ TLC U/ UV-VIS D/ UV-VIS A/ UV-VIS
		Baclofen	I/ UV-VIS
		Baclofen Tablets	I/ TLC U/ CA D/ UV-VIS A/ CA
Baicalin	30 mg	Hangeshashinto Extract	A/ LC
		Orengedokuto Extract	A/ LC
		Saibokuto Extract	A/ LC
		Saikokeishito Extract	A/ LC
		Saireito Extract	A/ LC
		Scutellaria Root	I/ TLC A/ LC
		Powdered Scutellaria Root	I/ TLC A/ LC
		Shosaikoto Extract	A/ LC
		Beclometasone Dipropionate	I/ IR A/ LC
		Berberine Chloride Hydrate	I/ UV-VIS I/ IR A/ LC
		Berberine Tannate	A/ LC
		Coptis Rhizome	I/ TLC A/ LC
Betamethasone	100 mg	Powdered Coptis Rhizome	I/ TLC A/ LC
		Hangeshashinto Extract	A/ LC
		Orengedokuto Extract	A/ LC
		Phellodendron Bark	I/ TLC A/ LC
		Powdered Phellodendron Bark	I/ TLC A/ LC
		Compound Phellodendron Powder for Cataplasm	I/ TLC
		Phellodendron, Albumin Tannate and Bismuth Subnitrate Powder	I/ TLC
		Betamethasone	I/ UV-VIS I/ IR A/ LC
		Betamethasone Tablets	I/ TLC U/ LC D/ LC A/ LC
		Betamethasone Sodium Phosphate	P/ TLC
		Betamethasone Sodium Phosphate	I/ IR A/ LC
Betamethasone Valerate	100 mg	Betamethasone Valerate	I/ IR A/ LC
		Betamethasone Valerate and Gentamicin Sulfate Cream	I/ TLC A/ LC
		Betamethasone Valerate and Gentamicin Sulfate Ointment	I/ TLC A/ LC
Bisacodyl	100 mg	Bisacodyl	I/ UV-VIS I/ IR
		Bisacodyl Suppositories	I/ TLC U/ LC A/ LC
Butyl Parahydroxybenzoate	200 mg	Butyl Parahydroxybenzoate	I/ IR A/ LC
Caffeine	300 mg	Migrenin	A/ GC
Calcitonin (Salmon)	79.4 Units	Calcitonin (Salmon)	A/ BA
Calcium Folate	250 mg	Calcium Folate	I/ UV-VIS A/ LC
Calcium Oxalate Monohydrate	100 mg	General Tests (2.52 Thermal Analysis)	
Calcium Pantothenate	1.1 g	Calcium Pantothenate	I/ IR A/ LC
Camostat Mesilate	200 mg	Camostat Mesilate	I/ UV-VIS A/ LC
d-Camphor	300 mg	d-Camphor	A/ GC
dI-Camphor	300 mg	dI-Camphor	A/ GC
Carbidopa	200 mg	Carbidopa Hydrate	I/ UV-VIS I/ IR A/ LC
Carboplatin	100 mg	Carboplatin	I/ IR A/ LC
		Carboplatin Injection	A/ LC
Cellacefate	50 mg	Cellacefate	I/ IR
Cetotiamine Hydrochloride	150 mg	Cetotiamine Hydrochloride Hydrate	I/ UV-VIS I/ IR

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Chlordiazepoxide	500 mg	Chlordiazepoxide	A/ LC
		Chlordiazepoxide Powder	I/ UV-VIS I/ IR
		Chlordiazepoxide Tablets	P/ TLC A/ LC
			P/ TLC U/ LC
Chlormadinone Acetate	100 mg	Chlormadinone Acetate	D/ UV-VIS A/ LC
Chlorpheniramine Maleate	400 mg	Chlorpheniramine and Calcium Powder	I/ IR A/ UV-VIS
		Chlorpheniramine Maleate	I/ TLC A/ UV-VIS
		Chlorpheniramine Maleate Injection	I/ UV-VIS I/ IR
		Chlorpheniramine Maleate Powder	A/ UV-VIS
		Chlorpheniramine Maleate Tablets	D/ LC A/ LC
			U/ LC D/ LC
			A/ LC
		Naphazoline and Chlorpheniramine Solution	I/ TLC A/ LC
Cholecalciferol	100 mg	Cholecalciferol	I/ IR A/ LC
Ciclosporin	100 mg	Ciclosporin	I/ IR A/ LC
Cilostazol	450 mg	Cilostazol	I/ UV-VIS I/ IR
			A/ LC
		Cilostazol Tablets	I/ TLC U/ LC
			D/ UV-VIS A/ LC
Cisplatin	150 mg	Cisplatin	I/ UV-VIS I/ IR
			A/ LC
Clobetasol Propionate	50 mg	Clobetasol Propionate	I/ IR A/ LC
Clofibrate	800 mg	Clofibrate	I/ UV-VIS I/ IR
		Clofibrate Capsules	A/ LC
Clomifene Citrate	200 mg	Clomifene Citrate	I/ UV-VIS
		Clomifene Citrate Tablets	I/ TLC U/ UV-VIS
			D/ UV-VIS A/ UV-VIS
Cortisone Acetate	100 mg	Cortisone Acetate	I/ UV-VIS I/ IR
			A/ LC
Cyanocobalamin	200 mg	Cyanocobalamin	I/ UV-VIS A/ UV-VIS
		Cyanocobalamin Injection	A/ UV-VIS
		Hydroxocobalamin Acetate	P/ TLC A/ UV-VIS
Danazol	100 mg	Danazol	I/ UV-VIS I/ IR
			A/ UV-VIS
Deferoxamine Mesilate	200 mg	Deferoxamine Mesilate	I/ IR A/ CA
Deslanoside	100 mg	Deslanoside	P/ TLC A/ CA
		Deslanoside Injection	I/ TLC A/ CA
			I/ UV-VIS I/ IR
Dexamethasone	100 mg	Dexamethasone	A/ LC
Diclofenamide	100 mg	Diclofenamide	I/ UV-VIS I/ IR
			A/ LC
		Diclofenamide Tablets	D/ UV-VIS A/ LC
Diethylcarbamazine Citrate	200 mg	Diethylcarbamazine Citrate Tablets	U/ LC D/ LC
			A/ LC
Diflucortolone Valerate	100 mg	Diflucortolone Valerate	I/ UV-VIS I/ IR
			A/ LC
Digitoxin	50 mg	Digitoxin	I/ TLC A/ LC
		Digitoxin Tablets	U/ FL D/ FL
			A/ LC
Digoxin	50 mg	Digoxin	A/ LC
		Digoxin Injection	I/ TLC A/ LC
		Digoxin Tablets	I/ TLC U/ LC
			D/ FL A/ LC
Dihydroergotoxine Mesilate	100 mg	Dihydroergotoxine Mesilate	A/ LC
Dobutamine Hydrochloride	300 mg	Dobutamine Hydrochloride	I/ IR A/ LC
Donepezil Hydrochloride	450 mg	Donepezil Hydrochloride	I/ UV-VIS I/ IR

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Donepezil Hydrochloride	80 mg	Donepezil Hydrochloride Fine Granules	A/ LC U/ LC D/ LC
		Donepezil Hydrochloride Tablets	A/ LC U/ LC D/ LC
		Dorzolamide Hydrochloride	A/ LC I/ UV-VIS I/ IR
		Dorzolamide Hydrochloride Ophthalmic Solution	A/ LC
Doxazosin Mesilate	200 mg	Doxazosin Mesilate	I/ UV-VIS I/ IR A/ LC
		Doxazosin Mesilate Tablets	U/ UV-VIS D/ LC A/ UV-VIS
Edrophonium Chloride	200 mg	Edrophonium Chloride	I/ UV-VIS
		Edrophonium Chloride Injection	A/ UV-VIS
Elcatonin	11.3 Units ×2	Elcatonin	A/ BA
Enalapril Maleate	200 mg	Enalapril Maleate	I/ IR A/ LC
		Enalapril Maleate Tablets	U/ LC D/ LC A/ LC
Endotoxin	≥ 10000 EU	General Tests (4.01 Bacterial Endotoxins Test)	
Epalrestat	280 mg	Epalrestat	I/ UV-VIS I/ IR A/ LC
		Epalrestat Tablets	U/ UV-VIS D/ UV-VIS A/ LC
Epitiostanol	100 mg	Mepitiostane	P/ TLC A/ LC
Epoetin Alfa	0.05 mL	Epoetin Alfa (Genetical Recombination)	I/ WB I/ PM A/ BA
		Epoetin Beta (Genetical Recombination)	I/ CE I/ PM P/ LC A/ LC A/ BA
Ergocalciferol	100 mg	Ergocalciferol	I/ IR A/ LC
Ergometrine Maleate	50 mg	Ergometrine Maleate	P/ TLC A/ CA
		Ergometrine Maleate Injection	A/ CA
		Ergometrine Maleate Tablets	U/ CA A/ CA
		Estradiol Benzoate	I/ IR P/ CC A/ LC
Estradiol Benzoate	50 mg	Estradiol Benzoate Injection	I/ TLC A/ CA
		Estradiol Benzoate Injection (Aqueous Suspension)	I/ TLC A/ LC
		Estriol	I/ UV-VIS I/ IR A/ LC
		Estriol Injection (Aqueous Suspension)	A/ LC
Ethinylestradiol	100 mg	Estriol Tablets	D/ LC A/ LC
		Ethinylestradiol Tablets	I/ UV-VIS I/ IR A/ UV-VIS
Ethinylestradiol	100 mg	Norgestrel and Ethinylestradiol Tablets	U/ FL A/ CA I/ TLC U/ LC D/ LC A/ LC
		Scopolia Extract and Ethyl Aminobenzoate Powder	A/ CA
Ethyl Aminobenzoate	250 mg	Scopolia Extract, Papaverine and Ethyl Aminobenzoate Powder	A/ CA
		Ethyl Icosapentate	I/ UV-VIS I/ IR A/ GC
Ethyl Icosapentate	240 mg	Ethyl Icosapentate	I/ UV-VIS I/ IR A/ LC
Ethyl Parahydroxybenzoate	200 mg	Ethyl Parahydroxybenzoate	I/ IR A/ LC
Etoposide	100 mg	Etoposide	I/ UV-VIS I/ IR A/ LC

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Fexofenadine Hydrochloride	100 mg	Fexofenadine Hydrochloride	I/ UV-VIS I/ IR A/ LC
		Fexofenadine Hydrochloride Tablets	U/ LC D/ LC A/ LC
Filgrastim	1 mL	Filgrastim (Genetical Recombination)	I/ SP I/ PM A/ LC A/ BA
		Filgrastim (Genetical Recombination) Injection	I/ SP P/ LC A/ BA A/ LC
Fludrocortisone Acetate	100 mg	Fludrocortisone Acetate	I/ UV-VIS I/ IR A/ UV-VIS
Fluocinolone Acetonide	50 mg	Fluocinolone Acetonide	I/ IR A/ LC
Fluocinonide	100 mg	Fluocinonide	I/ UV-VIS I/ IR A/ LC
Fluorometholone	100 mg	Fluorometholone	I/ UV-VIS I/ IR A/ LC
Fluoxymesterone	100 mg	Fluoxymesterone	I/ UV-VIS I/ IR A/ LC
Flutamide	150 mg	Flutamide	I/ UV-VIS I/ IR A/ LC
Fluvoxamine Maleate	350 mg	Fluvoxamine Maleate	I/ UV-VIS I/ IR A/ LC
		Fluvoxamine Maleate Tablets	U/ LC D/ UV-VIS A/ LC
Folic Acid	500 mg	Folic Acid	I/ UV-VIS A/ CA
		Folic Acid Injection	A/ CA
		Folic Acid Tablets	U/ CA D/ UV-VIS A/ CA
Furosemide	200 mg	Furosemide	I/ UV-VIS I/ IR
		Furosemide Injection	A/ UV-VIS
		Furosemide Tablets	U/ UV-VIS D/ UV-VIS A/ UV-VIS
Fursultiamine Hydrochloride	200 mg	Fursultiamine Hydrochloride	I/ IR A/ LC
Gabexate Mesilate	200 mg	Gabexate Mesilate	I/ UV-VIS A/ LC
Gefarnate	170 mg	Gefarnate	I/ IR A/ LC
Ginsenoside Rb ₁	15 mg	Bakumondoto Extract	I/ TLC A/ LC
		Chotosan Extract	I/ TLC
		Ginseng	A/ LC
		Powdered Ginseng	A/ LC
		Hochuekkito Extract	I/ TLC
		Juzentaihoto Extract	I/ TLC A/ LC
		Mukoi-Daikenchuto Extract	I/ TLC A/ LC
		Red Ginseng	A/ LC
		Rikkunshito Extract	I/ TLC A/ LC
		Saibokuto Extract	I/ TLC
		Saikokeishito Extract	I/ TLC
		Saireito Extract	I/ TLC
		Shosaikoto Extract	I/ TLC
		Ginseng	A/ LC
		Powdered Ginseng	A/ LC
		Hangeshashinto Extract	I/ TLC
		Red Ginseng	A/ LC
Gitoxin	20 mg	Digoxin	P/ LC
Glimepiride	200 mg	Glimepiride	I/ UV-VIS I/ IR A/ LC
		Glimepiride Tablets	U/ LC D/ LC A/ LC
D-Glucuronolactone	100 mg	Purified Sodium Hyaluronate	A/ CA

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Glycyrrhizic Acid	30 mg	Bakumondoto Extract	A/ LC
		Chotosan Extract	A/ LC
		Daikanzoto Extract	A/ LC
		Glycyrrhiza	I/ TLC A/ LC
		Powdered Glycyrrhiza	I/ TLC A/ LC
		Glycyrrhiza Extract	I/ TLC A/ LC
		Crude Glycyrrhiza Extract	I/ TLC A/ LC
		Hangeshashinto Extract	A/ LC
		Hochuekkito Extract	A/ LC
		Juzentaihoto Extract	A/ LC
		Kakkonto Extract	A/ LC
		Kamisyoyosan Extract	A/ LC
		Rikkunshito Extract	A/ LC
		Ryokeijutsukanto Extract	A/ LC
		Saibokuto Extract	A/ LC
		Saikokeishito Extract	A/ LC
		Saireito Extract	A/ LC
		Shakuyakukanzoto Extract	A/ LC
		Shosaikoto Extract	A/ LC
		Shoseiryuto Extract	A/ LC
Gonadorelin Acetate	180 mg	Gonadorelin Acetate	I/ IR A/ LC
Guaifenesin	200 mg	Guaifenesin	I/ UV-VIS I/ IR
			A/ UV-VIS
Heparin Sodium	1470 Units	Heparin Calcium	A/ EA
		Heparin Sodium	A/ EA
		Heparin Sodium Injection	A/ EA
		Protamine Sulfate	A/ TA
		Protamine Sulfate Injection	A/ TA
Heparin Sodium for Physicochemical Tests	100 mg	Heparin Calcium	I/ LC P/ LC
		Heparin Sodium	I/ LC P/ NMR
			P/ LC
High-molecular Mass Urokinase	1180 Units	Urokinase	A/ EA
Human Chorionic Gonadotrophin	1030 Units	Human Chorionic Gonadotrophin	A/ BA
		Human Chorionic Gonadotrophin for Injection	A/ BA
Human Insulin	50 mg	Insulin Human (Genetical Recombination)	I/ LC A/ LC
Human Menopausal Gonadotrophin	3 amps	Human Menopausal Gonadotrophin	P/ BA A/ BA
Hydrochlorothiazide	100 mg	Hydrochlorothiazide	I/ UV-VIS A/ LC
Hydrocortisone	100 mg	Hydrocortisone	I/ IR A/ LC
		Hydrocortisone Sodium Phosphate	P/ LC
Hydrocortisone Acetate	100 mg	Hydrocortisone Acetate	I/ IR A/ LC
Hydrocortisone Sodium Phosphate	100 mg	Hydrocortisone Sodium Phosphate	I/ IR A/ LC
Hydrocortisone Succinate	100 mg	Hydrocortisone Sodium Succinate	I/ IR A/ UV-VIS
		Hydrocortisone Succinate	I/ IR A/ LC
Idoxuridine	100 mg	Idoxuridine	I/ UV-VIS
		Idoxuridine Ophthalmic Solution	A/ LC
Imipramine Hydrochloride	200 mg	Imipramine Hydrochloride	I/ UV-VIS
		Imipramine Hydrochloride Tablets	U/ UV-VIS D/ UV-VIS
			A/ CA
Indapamide	200 mg	Indapamide	I/ UV-VIS I/ IR
			A/ LC
		Indapamide Tablets	I/ TLC U/ LC
Indometacin	350 mg		D/ LC A/ LC
		Indometacin	I/ UV-VIS I/ IR
		Indometacin Capsules	P/ TLC U/ LC

Reference Standard	Package Size	Use	
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Interleukin-2	3600 Units	Indometacin Suppositories	D/ UV-VIS A/ LC
		Celmoileukin (Genetical Recombination)	U/ UV-VIS A/ LC
		Tecleukin (Genetical Recombination)	A/ BA
		Tecleukin for Injection	A/ BA
		(Genetical Recombination)	A/ BA
Ipriflavone	100 mg	Ipriflavone	I/ UV-VIS I/ IR
		Ipriflavone Tablets	A/ LC
Isoflurane	18 mL	Isoflurane	I/ IR A/ GC
Kallidinogenase	109 Units	Kallidinogenase	A/ EA
Anhydrous Lactose	50 mg	Anhydrous Lactose	I/ IR
Lactose	50 mg	Lactose Hydrate	I/ IR
Lactulose	1.5 g	Lactulose	P/ LC A/ LC
Lanatoside C	100 mg	Lanatoside C	P/ TLC A/ CA
		Lanatoside C Tablets	I/ TLC U/ FL
			D/ FL A/ CA
Lenograstim	1 mL	Lenograstim (Genetical Recombination)	I/ LC I/ PM
			P/ LC A/ LC
			A/ BA
Limaprost	10 mg	Limaprost Alfadex	A/ LC
Losartan Potassium	100 mg	Losartan Potassium	I/ UV-VIS I/ IR
			A/ LC
		Losartan Potassium Tablets	U/ LC D/ UV-VIS
Low-molecular Mass Heparin	1 amps	Parnaparin Sodium	A/ EA
		Loxoprofen Sodium Hydrate	A/ LC
Loxoprofen	200 mg	Loxoprofen Sodium Hydrate	A/ LC
Lysozyme	500 mg	Lysozyme Hydrochloride	A/ EA
Maltose	300 mg	Maltose Hydrate	A/ LC
Manidipine Hydrochloride	250 mg	Manidipine Hydrochloride	I/ UV-VIS I/ IR
			A/ LC
		Manidipine Hydrochloride Tablets	I/ TLC U/ LC
Mecobalamin	450 mg	Mecobalamin	D/ LC A/ LC
			I/ UV-VIS A/ LC
Melting Point Standard- Acetanilide	200 mg	General Tests (2.60 Melting Point Determination)	MP _f 115.5°C
Melting Point Standard- Acetophenetidine	200 mg	General Tests (2.60 Melting Point Determination)	MP _f 136.5°C
Melting Point Standard- Caffeine	200 mg	General Tests (2.60 Melting Point Determination)	MP _f 237.5°C
Melting Point Standard- Sulfanilamide	200 mg	General Tests (2.60 Melting Point Determination)	MP _f 166.5°C
Melting Point Standard- Sulfapyridine	200 mg	General Tests (2.60 Melting Point Determination)	MP _f 192.5°C
Melting Point Standard- Vanillin	200 mg	General Tests (2.60 Melting Point Determination)	MP _f 83.0°C
Menatetrenone	300 mg	Menatetrenone	I/ IR A/ LC
Mestranol	100 mg	Mestranol	I/ UV-VIS I/ IR
			A/ UV-VIS
Methotrexate	800 mg	Methotrexate	I/ UV-VIS I/ IR
			A/ LC
		Methotrexate Capsules	U/ LC D/ LC
Methoxsalen	200 mg	Methoxsalen	A/ LC
			I/ UV-VIS A/ UV-VIS
Methyldopa	400 mg	Methyldopa Hydrate	I/ UV-VIS I/ IR
		Methyldopa Tablets	U/ CA A/ CA
		Methylergometrine Maleate	I/ UV-VIS A/ CA

Reference Standard	Package Size	Use	
		Monograph in Japanese Pharmacopoeia	Test or assay item ^{*1}
		Methylephedrine Maleate Tablets	U/ CA D/ FL A/ CA
Methyl Parahydroxybenzoate	200 mg	Methyl Parahydroxybenzoate	I/ IR A/ LC
Methylprednisolone Succinate	100 mg	Methylprednisolone Succinate	I/ UV-VIS I/ IR A/ LC
Methyltestosterone	100 mg	Methyltestosterone	I/ UV-VIS I/ IR A/ LC
		Methyltestosterone Tablets	I/ TLC U/ UV-VIS D/ UV-VIS A/ LC
Metildigoxin	50 mg	Metildigoxin	I/ UV-VIS I/ IR A/ CA
Mexiletine Hydrochloride	100 mg	Mexiletine Hydrochloride	I/ UV-VIS I/ IR A/ LC
Mizoribine	300 mg	Mizoribine	I/ UV-VIS I/ IR A/ LC
		Mizoribine Tablets	I/ TLC U/ UV-VIS D/ UV-VIS A/ UV-VIS
Nabumetone	200 mg	Nabumetone	I/ UV-VIS I/ IR A/ LC
		Nabumetone Tablets	D/ UV-VIS A/ LC
Nartograstim	1 mL	Nartograstim (Genetical Recombination)	I/ LC A/ BA
		Nartograstim for Injection (Genetical Recombination)	A/ BA A/ LC
Nateglinide	170 mg	Nateglinide	I/ UV-VIS I/ IR A/ LC
		Nateglinide Tablets	U/ LC D/ LC A/ LC
Neostigmine Methylsulfate	100 mg	Neostigmine Methylsulfate	I/ UV-VIS I/ IR A/ LC
		Neostigmine Methylsulfate Injection	A/ LC
Nicotinamide	500 mg	Nicotinamide	I/ UV-VIS A/ LC
Nicotinic Acid	500 mg	Nicotinic Acid	I/ UV-VIS
		Nicotinic Acid Injection	A/ LC
Nilvadipine	250 mg	Nilvadipine	I/ UV-VIS I/ IR A/ LC
		Nilvadipine Tablets	U/ LC D/ LC A/ LC
Nizatidine	150 mg	Nizatidine	I/ UV-VIS I/ IR A/ LC
		Nizatidine Capsules	U/ LC D/ UV-VIS A/ LC
Noradrenaline Bitartrate	50 mg	Adrenaline	P/ TLC
		Noradrenaline	P/ CC
		Noradrenaline Injection	P/ CC A/ CA
Norgestrel	350 mg	Norgestrel and Ethinylestradiol Tablets	I/ TLC U/ LC D/ LC A/ LC
Over-sulfated Chondroitin Sulfate	0.13 mg	Heparin Calcium	I/ LC P/ NMR P/ LC
		Heparin Sodium	I/ LC P/ NMR P/ LC
Oxytocin	2580 Units	Oxytocin	A/ LC
		Oxytocin Injection	A/ LC
		Vasopressin Injection	P/ BA
Ozagrel Sodium	100 mg	Ozagrel Sodium	I/ UV-VIS I/ IR A/ LC
		Ozagrel Sodium for Injection	A/ LC

Reference Standard	Package Size	Use	
		Monograph in Japanese Pharmacopoeia	Test or assay item ^{*1}
Paeoniflorin	20 mg	Goshajinkigan Extract	A/ LC
		Hachimijiogan Extract	A/ LC
		Juzentaihoto Extract	I/ TLC A/ LC
		Kakkonto Extract	I/ TLC A/ LC
		Kamishoyosan Extract	A/ LC
		Keishibukuryogan Extract	A/ LC
		Peony Root	I/ TLC A/ LC
		Powdered Peony Root	I/ TLC A/ LC
		Saikokeishito Extract	I/ TLC A/ LC
		Shakuyakukanzoto Extract	I/ TLC A/ LC
		Shimbuto Extract	I/ TLC A/ LC
		Shoseiryuto Extract	I/ TLC A/ LC
		Tokishakuyakusan Extract	I/ TLC A/ LC
Pemirolast Potassium	200 mg	Pemirolast Potassium	I/ UV-VIS I/ IR
			A/ LC
		Pemirolast Potassium Ophthalmic Solution	A/ LC
		Pemirolast Potassium for Syrup	U/ UV-VIS A/ UV-VIS
		Pemirolast Potassium Tablets	U/ UV-VIS D/ UV-VIS
Pentobarbital	100 mg	Pentobarbital Calcium	A/ LC
Perphenazine	100 mg	Perphenazine	I/ UV-VIS
		Perphenazine Tablets	U/ UV-VIS D/ UV-VIS
Phytonadione	200 mg	Phytonadione	A/ LC
Pioglitazone Hydrochloride	160 mg	Pioglitazone Hydrochloride	I/ UV-VIS I/ IR
			A/ LC
		Pioglitazone Hydrochloride Tablets	U/ UV-VIS D/ UV-VIS
Potassium Sucrose Octasulfate	1 g	Sucralfate Hydrate	A/ LC
Povidone	50 mg	Povidone	I/ IR
Pravastatin 1,1,3,3-tetramethylbutylammonium	200 mg	Pravastatin Sodium	I/ TLC A/ LC
		Pravastatin Sodium Fine Granules	U/ LC D/ UV-VIS
			A/ LC
		Pravastatin Sodium Solution	A/ LC
		Pravastatin Sodium Tablets	U/ LC D/ UV-VIS
Prazosin Hydrochloride	100 mg	Prazosin Hydrochloride	I/ UV-VIS I/ IR
Prednisolone	100 mg		A/ LC
		Prednisolone	I/ IR A/ LC
		Prednisolone Tablets	I/ IR U/ UV-VIS
Prednisolone Acetate	100 mg		D/ UV-VIS A/ LC
		Prednisolone Sodium Phosphate	A/ UV-VIS
		Prednisolone Acetate	I/ IR A/ LC
Prednisolone Succinate	150 mg	Prednisolone Succinate	I/ IR A/ UV-VIS
		Prednisolone Sodium Succinate for Injection	A/ LC
Primidone	300 mg	Primidone	A/ UV-VIS
Probenecid	500 mg	Probenecid	I/ UV-VIS
		Probenecid Tablets	I/ UV-VIS U/ UV-VIS
Probucol	300 mg		D/ UV-VIS A/ UV-VIS
		Probucol	I/ UV-VIS I/ IR
			A/ LC
Prochlorperazine Maleate	500 mg	Probucol Fine Granules	U/ LC A/ LC
		Probucol Tablets	U/ LC A/ LC
		Prochlorperazine Maleate Tablets	I/ TLC U/ LC
Progesterone	150 mg		D/ UV-VIS A/ LC
		Progesterone	I/ UV-VIS I/ IR
			A/ UV-VIS

Reference Standard	Package Size	Use	
		Monograph in Japanese Pharmacopoeia	Test or assay item ^{*1}
Propiverine Hydrochloride	200 mg	Progesterone Injection	I/ TLC A/ LC
		Propiverine Hydrochloride	I/ UV-VIS I/ IR
		Propiverine Hydrochloride Tablets	A/ LC D/ LC
Propyl Parahydroxybenzoate	200 mg	Propyl Parahydroxybenzoate	I/ IR A/ LC
Protamine Sulfate	100 mg	(Contact us)	
Puerarin	20 mg	Kakkonto Extract	I/ TLC
Pyridoxine Hydrochloride	200 mg	Pueraria Root	I/ TLC A/ LC
		Pyridoxine Hydrochloride	I/ UV-VIS I/ IR
		Pyridoxine Hydrochloride Injection	I/ TLC A/ CA
Quetiapine Fumarate	170 mg	Quetiapine Fumarate	I/ UV-VIS I/ IR
			A/ LC
		Quetiapine Fumarate Fine Granules	D/ UV-VIS A/ LC
		Quetiapine Fumarate Tablets	U/ LC D/ LC
Rabeprazole Sodium	1.35 g	Rabeprazole Sodium	A/ LC
Ranitidine Hydrochloride	100 mg	Ranitidine Hydrochloride	I/ UV-VIS I/ IR
			A/ LC
Reserpine	50 mg	Reserpine	I/ UV-VIS I/ IR
			A/ LC
		Reserpine Injection	A/ UV-VIS
		0.1% Reserpine Powder	A/ LC
Retinol Acetate	10000 Units ×5	Reserpine Tablets	U/ LC D/ FL
			A/ LC
		Retinol Acetate	I/ TLC
		Vitamin A Oil	I/ TLC
Retinol Palmitate	10000 Units ×5	Vitamin A Oil Capsules	I/ TLC
		Retinol Palmitate	I/ TLC
		Vitamin A Oil	I/ TLC
		Vitamin A Oil Capsules	I/ TLC
Riboflavin	200 mg	Flavin Adenine Dinucleotide Sodium	A/ UV-VIS
		Riboflavin	I/ UV-VIS A/ UV-VIS
		Riboflavin Powder	D/ UV-VIS A/ UV-VIS
		Riboflavin Butyrate	A/ UV-VIS
		Riboflavin Sodium Phosphate	A/ UV-VIS
		Riboflavin Sodium Phosphate Injection	A/ UV-VIS
		Sodium Risedronate Hydrate	A/ LC
Risedronic Acid	200 mg	Sodium Risedronate Tablets	U/ LC D/ LC
			A/ LC
Ritodrine Hydrochloride	250 mg	Ritodrine Hydrochloride	I/ UV-VIS I/ IR
			A/ LC
		Ritodrine Hydrochloride Tablets	U/ LC D/ LC
Roxatidine Acetate Hydrochloride	300 mg		A/ LC
		Roxatidine Acetate Hydrochloride	I/ UV-VIS I/ IR
		Roxatidine Acetate Hydrochloride	U/ LC D/ LC
		Extended-release Capsules	A/ LC
		Roxatidine Acetate Hydrochloride	U/ LC A/ LC
Saccharated Pepsin	5 g	Extended-release Tablets	
		Roxatidine Acetate Hydrochloride	A/ LC
		for Injection	
Sarpogrelate Hydrochloride	350 mg	Saccharated Pepsin	A/ DT
		Sarpogrelate Hydrochloride	I/ UV-VIS I/ IR
			A/ LC
		Sarpogrelate Hydrochloride Fine Granules	U/ LC D/ UV-VIS
			A/ LC

Reference Standard	Package Size	Use	
		Monograph in Japanese Pharmacopoeia	Test or assay item ^{*1}
Scopolamine Hydrobromide	200 mg	Sarpogrelate Hydrochloride Tablets	U/ LC A/ LC
		Opium Alkaloids and Scopolamine Injection	I/ TLC A/ GC
		Weak Opium Alkaloids and Scopolamine Injection	I/ TLC A/ GC
		Scopolia Rhizome	I/ TLC A/ LC
		Scopolia Extract	I/ TLC A/ LC
		Scopolia Extract Powder	I/ TLC A/ LC
		Scopolia Extract and Ethyl Aminobenzoate Powder	I/ TLC
Sennoside A	20 mg	Daikanzoto Extract	A/ LC
		Rhubarb	I/ TLC A/ LC
		Powdered Rhubarb	I/ TLC A/ LC
		Senna Leaf	I/ TLC A/ LC
		Powdered Senna Leaf	I/ TLC A/ LC
Sennoside B	20 mg	Senna Leaf	A/ LC
		Powdered Senna Leaf	A/ LC
Serum Gonadotrophin	850 Units ×2	Serum Gonadotrophin	A/ BA
		Serum Gonadotrophin for Injection	A/ BA
Sevoflurane	18 mL	Sevoflurane	I/ IR A/ GC
Simvastatin	100 mg	Simvastatin	I/ UV-VIS I/ IR
			A/ LC
		Simvastatin Tablets	U/ LC D/ LC
Spironolactone	200 mg		A/ LC
		Spironolactone	I/ UV-VIS I/ IR
			A/ UV-VIS
		Spironolactone Tablets	U/ LC D/ UV-VIS
			A/ LC
Sulfadiazine Silver	300 mg	Sulfadiazine Silver	I/ IR A/ UV-VIS
Swertiamarin	20 mg	Swertia Herb	I/ TLC A/ LC
		Powdered Swertia Herb	I/ TLC A/ LC
		Swertia and Sodium Bicarbonate Powder	I/ TLC
Tacalcitol	4 mg	Tacalcitol Hydrate	I/ UV-VIS I/ IR
			A/ LC
		Tacalcitol Lotion	I/ LC A/ LC
Tacrolimus	100 mg	Tacrolimus Hydrate	I/ IR A/ LC
Teprenone	170 mg	Teprenone	I/ IR A/ GC
Testosterone Propionate	50 mg	Testosterone Enanthate Injection	A/ CA
		Testosterone Propionate	I/ UV-VIS I/ IR
			A/ LC
Thiamine Chloride Hydrochloride	1 g	Testosterone Propionate Injection	I/ TLC A/ LC
		Thiamine Chloride Hydrochloride	I/ UV-VIS I/ IR
			A/ LC
		Thiamine Chloride Hydrochloride Injection	A/ LC
		Thiamine Chloride Hydrochloride Powder	A/ LC
		Thiamine Nitrate	A/ LC
		Dried Yeast	A/ LC
Thiamylal	100 mg	Thiamylal Sodium	A/ LC
		Thiamylal Sodium for Injection	A/ LC
Thrombin	720 Units ×2	Thrombin	A/ EA
Tocopherol	150 mg	Tocopherol	I/ IR A/ LC
		Tocopherol Acetate	P/ TLC
		Tocopherol Calcium Succinate	P/ TLC
Tocopherol Acetate	150 mg	Tocopherol Acetate	I/ IR A/ LC
Tocopherol Nicotinate	150 mg	Tocopherol Nicotinate	I/ UV-VIS I/ IR
			A/ LC
Tocopherol Succinate	150 mg	Tocopherol Calcium Succinate	A/ LC

Reference Standard	Package Size	Use	
		Monograph in Japanese Pharmacopoeia	Test or assay item ^{*1}
Tolazamide	100 mg	Tolazamide	I/ UV-VIS I/ IR A/ LC
Tolbutamide	200 mg	Tolbutamide Tablets	D/ UV-VIS
Tolnaftate	200 mg	Tolnaftate	I/ UV-VIS I/ IR A/ UV-VIS
Tosufloxacin Tosilate	350 mg	Tolnaftate Solution	I/ TLC A/ LC
		Tosufloxacin Tosilate Hydrate	I/ UV-VIS I/ IR A/ LC
		Tosufloxacin Tosilate Tablets	U/ LC D/ UV-VIS A/ LC
Tranexamic Acid	200 mg	Tranexamic Acid	I/ IR A/ LC
		Tranexamic Acid Capsules	D/ LC A/ LC
		Tranexamic Acid Injection	A/ LC
		Tranexamic Acid Tablets	A/ LC
Trehalose	600 mg	Trehalose Hydrate	I/ IR A/ LC
Triamcinolone	100 mg	Triamcinolone	I/ IR A/ LC
Triamcinolone Acetonide	100 mg	Triamcinolone Acetonide	I/ UV-VIS I/ IR A/ LC
Trichlormethiazide	250 mg	Trichlormethiazide	I/ UV-VIS I/ IR A/ LC
		Trichlormethiazide Tablets	I/ TLC U/ LC D/ LC A/ LC
Trihexyphenidyl Hydrochloride	300 mg	Trihexyphenidyl Hydrochloride Tablets	I/ TLC U/ CA D/ CA A/ CA
Troxipide	250 mg	Troxipide	I/ UV-VIS I/ IR
		Troxipide Fine Granules	U/ LC D/ UV-VIS A/ LC
		Troxipide Tablets	U/ LC D/ UV-VIS A/ LC
Tyrosine	500 mg	General Tests (4.03 Digestion Test)	
Ubidecarenone	150 mg	Serrapeptase	A/ CA
		Ubidecarenone	I/ IR A/ LC
Ulinastatin	3700 Units	Ulinastatin	A/ EA
Valsartan	350 mg	Valsartan	I/ UV-VIS I/ IR A/ LC
		Valsartan Tablets	I/ UV-VIS U/ UV-VIS D/ UV-VIS A/ LC
Vasopressin	5 mg	Vasopressin Injection	A/ BA
Vinblastine Sulfate	50 mg	Vinblastine Sulfate	I/ UV-VIS I/ IR A/ LC
		Vinblastine Sulfate for Injection	I/ UV-VIS U/ LC A/ LC
Vincristine Sulfate	80 mg	Vincristine Sulfate	I/ UV-VIS I/ IR A/ LC
Warfarin Potassium	350 mg	Warfarin Potassium	I/ UV-VIS I/ IR A/ LC
		Warfarin Potassium Tablets	U/ UV-VIS D/ LC A/ UV-VIS
Zidovudine	200 mg	Zidovudine	I/ IR A/ LC

N/A: Not available for overseas shipping Quote: Please contact us.

2. Official Non-pharmacopoeial Reference Standards

2-1. Reference Standards for Assays and Tests of Japanese Pharmaceutical Codex

Reference Standard	Package Size	Use	
		Monograph in Japanese Pharmaceutical Codex	Test or assay item ^{*1}
Estradiol ^{*2}	50 mg	Estradiol	A/ UV-VIS
Estrone ^{*2}	50 mg	Estrone	I/ IR A/ UV-VIS
Fludroxycortide ^{*2}	100 mg	Fludroxycortide	A/ LC
Indocyanine Green ^{*2}	300 mg	Indocyanine Green	A/ UV-VIS

N/A: Not available for overseas shipping

2-2. Other Reference Standards

Reference Standard	Package Size	Use
Human Growth Hormone ^{*2}	4.5 mg	—

N/A: Not available for overseas shipping

* 1 A: Assay	BA: Bioassay	LC: Liquid Chromatography
U: Uniformity of dosage units	CA: Colorimetric Analysis	NMR: Nuclear Magnetic Resonance Spectroscopy
D: Dissolution	CC: Color Comparison	PM: Peptide Mapping
I: Identification	CE: Capillary Electrophoresis	SP: SDS-PAGE
P: Purity	DT: Digestion Test	ST: Standardization of Titrant
	EA: Enzymatic Assay	TA: Turbidimetric Assay
	FL: Fluorometry	TLC: Thin-layer Chromatography
	GC: Gas Chromatography	UV-VIS: Ultraviolet-visible Spectrophotometry
	IR: Infrared Spectrophotometry	WB: Western Blotting

* 2 Former National Institute of Health Sciences Reference Standard

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