

PMRJ Reference Standards Catalog



1. Japanese Pharmacopoeia Reference Standards

Reference Standard	Storage Temperature	Package Size	Price (¥)	Use	
				Monograph in Japanese Pharmacopoeia	Test or assay item*1
Aceglutamide	≦25°C	250 mg	25,715	Aceglutamide Aluminum	I/ TLC A/ LC
Acetaminophen	≦25°C	300 mg	18,000	Acetaminophen	I/ IR A/ UV-VIS
Acetanilide for Apparatus Suitability	≦25°C	200 mg	10,286	General Tests (2.60 Melting Point Determination)	MP _f 115.5°C
Acetophenetidine for Apparatus Suitability	≦25°C	200 mg	10,286	General Tests (2.60 Melting Point Determination)	MP _f 136.5°C
Aciclovir	≦25°C	100 mg	15,429	Aciclovir	I/ UV-VIS I/ IR A/ LC
				Aciclovir Granules	U/ UV-VIS D/ UV-VIS A/ UV-VIS
				Aciclovir Injection	A/ LC
				Aciclovir for Injection	A/ UV-VIS
				Aciclovir Ointment	A/ UV-VIS
				Aciclovir Ophthalmic Ointment	A/ UV-VIS
				Aciclovir Syrup	D/ UV-VIS A/ LC
				Aciclovir for Syrup	U/ LC D/ UV-VIS A/ LC
				Aciclovir Tablets	D/ UV-VIS A/ UV-VIS
Adrenaline Bitartrate	≦8°C	50 mg	13,526 †	Noradrenaline	P/ CC
				Noradrenaline Injection	P/ CC
Alendronate Sodium	≦25°C	150 mg	23,657	Alendronate Sodium Hydrate	I/ IR A/ LC
				Alendronate Sodium Injection	A/ LC
				Alendronate Sodium Tablets	U/ LC D/ LC A/ LC
Alprostadil	≦5°C	10 mg	65,623 †	Alprostadil	I/ UV-VIS I/ IR A/ LC
				Alprostadil Injection	I/ TLC A/ LC
				Alprostadil Alfadex	A/ LC
p-Aminobenzoyl Glutamic Acid	≦25°C	500 mg	29,044	Folic Acid	P/ CA
Amitriptyline Hydrochloride	≦25°C	100 mg	20,970	Amitriptyline Hydrochloride	I/ UV-VIS
				Amitriptyline Hydrochloride Tablets	U/ UV-VIS D/ UV-VIS A/ UV-VIS
Amlexanox	≦8°C	300 mg	38,057 †	Amlexanox	I/ UV-VIS I/ IR A/ LC
				Amlexanox Tablets	U/ LC D/ UV-VIS A/ LC
Amlodipine Besilate	≦25°C	150 mg	66,857 †	Amlodipine Besilate	I/ UV-VIS I/ IR A/ LC
				Amlodipine Besilate Orally Disintegrating Tablets	U/ LC A/ LC
				Amlodipine Besilate Tablets	U/ LC A/ LC
				Candesartan Cilexetil and Amlodipine Besylate Tablets	U/ LC D/ LC A/ LC
Ascorbic Acid	≦25°C	1 g	20,761	Ascorbic Acid Injection	A/ ST
				Ascorbic Acid Powder	A/ ST
				Ascorbic Acid and Calcium Pantothenate Tablets	D/ UV-VIS
				Human Menopausal Gonadotrophin	P/ CA
Aspirin	≦25°C	300 mg	15,728 †	Aspirin Aluminum	A/ UV-VIS
Atorvastatin Calcium	≦8°C	150 mg	17,485 †	Atorvastatin Calcium Hydrate	I/ UV-VIS I/ IR A/ LC
				Atorvastatin Calcium Tablets	U/ LC D/ LC A/ LC
Atropine Sulfate	≦25°C	250 mg	20,970 †	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
				Belladonna Total Alkaloids	I/ TLC A/ LC
				Scopolia Extract	I/ TLC A/ LC
				Scopolia Extract Powder	I/ TLC A/ LC

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Auranofin	≦8°C	100 mg	41,143 †	Scopolia Extract and Ethyl Aminobenzoate Powder	I/ TLC
				Scopolia Rhizome	I/ TLC A/ LC
				Auranofin	I/ IR A/ LC
				Auranofin Tablets	U/ LC D/ LC
Azathioprine	≦25°C	600 mg	33,553 †	Azathioprine	I/ UV-VIS
				Azathioprine Tablets	I/ TLC U/ UV-VIS D/ UV-VIS A/ UV-VIS
Baclofen	≦25°C	800 mg	33,553	Baclofen	I/ UV-VIS
				Baclofen Tablets	I/ TLC U/ CA D/ UV-VIS A/ CA
Baicalin	≦8°C	30 mg	29,829 †	Bofutsushosan Extract	A/ LC
				Daisaikoto Extract	A/ LC
				Hangeshashinto Extract	A/ LC
				Orengedokuto Extract	A/ LC
				Otsujito 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
Beclometasone Dipropionate	≦25°C	100 mg	20,263	Beclometasone Dipropionate	I/ IR A/ LC
				Berberine Chloride	≦25°C 30 mg 33,326
Berberine Chloride Hydrate	≦25°C	30 mg	33,326	Berberine Chloride Hydrate	I/ UV-VIS I/ IR
				Berberine Tannate	A/ LC
				Coptis Rhizome	I/ TLC A/ LC
				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	≦25°C	100 mg	17,589	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	≦25°C	100 mg	20,057	Betamethasone Valerate	I/ IR A/ LC
				Betamethasone Valerate and Gentamicin Sulfate Cream	I/ TLC A/ LC
Betamethasone Valerate and Gentamicin Sulfate Ointment	≦25°C	100 mg	20,970	Betamethasone Valerate and Gentamicin Sulfate Ointment	I/ TLC A/ LC
				Bisacodyl	≦25°C 100 mg 20,970
Bisacodyl Suppositories	≦25°C	100 mg	20,970	Bisacodyl	I/ UV-VIS I/ IR I/ TLC U/ LC A/ LC
				Bisacodyl Suppositories	I/ TLC U/ LC A/ LC
Butyl Parahydroxybenzoate	≦8°C	200 mg	37,029 †	Butyl Parahydroxybenzoate	I/ IR A/ LC
Caffeine	≦25°C	300 mg	26,214 †	Migrenin	A/ GC
Caffeine for Apparatus Suitability	≦25°C	200 mg	10,286 †	General Tests (2.60 Melting Point Determination)	MP _f 237.5°C
Calcitonin Salmon	≦-20°C	79.4 Units	73,029 †	Calcitonin Salmon	A/ BA
Calcium Folate	≦25°C	250 mg	20,970	Calcium Folate	I/ UV-VIS A/ LC
Calcium Oxalate Monohydrate for Calibration of Apparatus	≦25°C	100 mg	N/A	General Tests (2.52 Thermal Analysis)	
Calcium Pantothenate	≦8°C	1.1 g	41,143 †	Ascorbic Acid and Calcium Pantothenate Tablets	U/ LC D/ LC A/ LC
				Calcium Pantothenate	I/ IR A/ LC
Camostat Mesilate	≦25°C	200 mg	26,214	Camostat Mesilate	I/ UV-VIS A/ LC

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<i>d</i> -Camphor	≦25°C	300 mg	17,691 †	<i>d</i> -Camphor	A/ GC
<i>dl</i> -Camphor	≦25°C	300 mg	16,457 †	<i>dl</i> -Camphor	A/ GC
Carbidopa	≦25°C	200 mg	33,553	Carbidopa Hydrate	I/ UV-VIS I/ IR
					A/ LC
Carboplatin	≦8°C	100 mg	27,771 †	Carboplatin	I/ IR A/ LC
				Carboplatin Injection	A/ LC
Cellacefate	≦25°C	50 mg	12,582	Cellacefate	I/ IR
Cetotiamine Hydrochloride	≦8°C	150 mg	41,143 †	Cetotiamine Hydrochloride Hydrate	I/ UV-VIS I/ IR
					A/ LC
Chlordiazepoxide	≦25°C	500 mg	N/A	Chlordiazepoxide	I/ UV-VIS I/ IR
				Chlordiazepoxide Powder	P/ TLC D/ UV-VIS
					A/ LC
				Chlordiazepoxide Tablets	P/ TLC U/ LC
					D/ UV-VIS A/ LC
Chlormadinone Acetate	≦25°C	100 mg	16,354	Chlormadinone Acetate	I/ IR A/ UV-VIS
Chlorpheniramine Maleate	≦25°C	400 mg	26,214	Chlorpheniramine Maleate	I/ UV-VIS I/ IR
				Chlorpheniramine Maleate Injection	A/ UV-VIS
				Chlorpheniramine Maleate Powder	D/ LC A/ LC
				Chlorpheniramine Maleate Tablets	U/ LC D/ LC
					A/ LC
				Naphazoline and Chlorpheniramine Solution	I/ TLC A/ LC
Cholecalciferol	≦8°C	100 mg	21,086 †	Cholecalciferol	I/ IR A/ LC
Ciclosporin	≦25°C	100 mg	26,214	Ciclosporin	I/ IR A/ LC
Cilnidipine	≦8°C	200 mg	Quote	Cilnidipine	I/ UV-VIS I/ IR
					A/ LC
				Cilnidipine Tablets	U/ UV-VIS D/ LC
					A/ LC
Cilostazol	≦25°C	450 mg	25,715	Cilostazol	I/ UV-VIS I/ IR
					A/ LC
				Cilostazol Tablets	I/ TLC U/ LC
					D/ UV-VIS A/ LC
Ciprofloxacin	≦8°C	250 mg	Quote	Ciprofloxacin	I/ IR I/ TLC
					A/ LC
				Ciprofloxacin Hydrochloride Hydrate	I/ TLC A/ LC
Cisplatin	≦8°C	150 mg	25,715 †	Cisplatin	I/ UV-VIS I/ IR
					A/ LC
Citicoline	≦8°C	150 mg	Quote	Citicoline	I/ UV-VIS I/ IR
					A/ LC
Clobetasol Propionate	≦25°C	50 mg	18,514	Clobetasol Propionate	I/ IR A/ LC
Clofibrate	≦25°C	800 mg	26,214	Clofibrate	I/ UV-VIS I/ IR
				Clofibrate Capsules	A/ LC
Clomifene Citrate	≦25°C	200 mg	20,970	Clomifene Citrate	I/ UV-VIS
				Clomifene Citrate Tablets	I/ TLC U/ UV-VIS
					D/ UV-VIS A/ UV-VIS
Clopidogrel Sulfate	≦8°C	200 mg	34,821 †	Clopidogrel Sulfate	I/ UV-VIS I/ IR
					A/ LC
				Clopidogrel Sulfate Tablets	U/ LC D/ UV-VIS
					A/ LC
Cortisone Acetate	≦25°C	100 mg	14,994	Cortisone Acetate	I/ UV-VIS I/ IR
					A/ LC
Cyanocobalamin	≦8°C	200 mg	13,946 †	Cyanocobalamin	I/ UV-VIS A/ UV-VIS
				Cyanocobalamin Injection	A/ UV-VIS
				Hydroxocobalamin Acetate	P/ TLC A/ UV-VIS
Danazol	≦25°C	100 mg	19,543	Danazol	I/ UV-VIS I/ IR
					A/ UV-VIS
Deferoxamine Mesilate	≦25°C	200 mg	20,970	Deferoxamine Mesilate	I/ IR A/ CA
Deslanoside	≦25°C	100 mg	20,263 †	Deslanoside	P/ TLC A/ CA
				Deslanoside Injection	I/ TLC A/ CA
Dexamethasone	≦25°C	100 mg	17,794	Dexamethasone	I/ UV-VIS I/ IR
					A/ LC
Diclofenamide	≦25°C	100 mg	15,120	Diclofenamide	I/ UV-VIS I/ IR
					A/ LC

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Diethylcarbamazine Citrate	≦25°C	200 mg	26,214	Diclofenamide Tablets	D/ UV-VIS A/ LC
				Diethylcarbamazine Citrate Tablets	U/ LC D/ LC
Diflorasone Diacetate	≦8°C	100 mg	Quote	Diflorasone Diacetate	I/ IR A/ LC
Diflucortolone Valerate	≦25°C	100 mg	18,412	Diflucortolone Valerate	I/ UV-VIS I/ IR
					A/ LC
Digitoxin	≦25°C	50 mg	19,440 †	Digitoxin	I/ TLC A/ LC
				Digitoxin Tablets	U/ FL D/ FL
Digoxin	≦25°C	50 mg	19,440 †	Digoxin	A/ LC
				Digoxin Injection	I/ TLC A/ LC
Dihydroergotoxine Mesilate	≦25°C	100 mg	36,206	Dihydroergotoxine Mesilate	A/ LC
					Dobutamine Hydrochloride
Docetaxel	≦8°C	370 mg	73,173 †	Docetaxel Hydrate	I/ UV-VIS I/ IR
					A/ LC
Donepezil Hydrochloride	≦8°C	450 mg	15,429 †	Docetaxel Injection	A/ LC
				Docetaxel for Injection	A/ LC
Donepezil Hydrochloride	≦8°C	450 mg	15,429 †	Donepezil Hydrochloride	I/ UV-VIS I/ IR
				A/ LC	
Donepezil Hydrochloride	≦8°C	450 mg	15,429 †	Donepezil Hydrochloride Fine Granules	U/ LC D/ LC
				A/ LC	
Donepezil Hydrochloride	≦8°C	450 mg	15,429 †	Donepezil Hydrochloride Tablets	U/ LC D/ LC
				A/ LC	
Dorzolamide Hydrochloride	≦8°C	80 mg	61,714 †	Dorzolamide Hydrochloride	I/ UV-VIS I/ IR
				A/ LC	
Dorzolamide Hydrochloride	≦8°C	80 mg	61,714 †	Dorzolamide Hydrochloride Ophthalmic Solution	A/ LC
Doxazosin Mesilate	≦25°C	200 mg	18,514 †	Doxazosin Mesilate	I/ UV-VIS I/ IR
				A/ LC	
Doxazosin Mesilate	≦25°C	200 mg	18,514 †	Doxazosin Mesilate Tablets	U/ UV-VIS D/ LC
				A/ UV-VIS	
Edrophonium Chloride	≦25°C	200 mg	26,214	Edrophonium Chloride	I/ UV-VIS
				Edrophonium Chloride Injection	A/ UV-VIS
Elcatonin	≦-20°C	11.3 Units ×2	45,669 †	Elcatonin	A/ BA
Enalapril Maleate	≦25°C	200 mg	21,600	Enalapril Maleate	I/ IR A/ LC
				Enalapril Maleate Tablets	U/ LC D/ LC
Endotoxin	≦8°C	≧10000 EU	22,628 †	General Tests (4.01 Bacterial Endotoxins Test)	
Epalrestat	≦8°C	280 mg	46,286 †	Epalrestat	I/ UV-VIS I/ IR
				A/ LC	
Epalrestat	≦8°C	280 mg	46,286 †	Epalrestat Tablets	U/ UV-VIS D/ UV-VIS
				A/ LC	
Epiteostanol	≦8°C	100 mg	13,474 †	Mepitiostane	P/ TLC A/ LC
Eplerenone	≦8°C	150 mg	Quote	Eplerenone	I/ UV-VIS I/ IR
				A/ LC	
Eplerenone	≦8°C	150 mg	Quote	Eplerenone Tablets	U/ UV-VIS D/ UV-VIS
				A/ LC	
Epoetin Alfa	-80°C	See the last page★	55,543 †	Epoetin Alfa (Genetical Recombination)	I/ WB I/ PM
				A/ BA	
Epoetin Beta	-80°C	See the last page★	52,457 †	Epoetin Beta (Genetical Recombination)	I/ CE I/ PM
				P/ LC A/ LC	
Ergocalciferol	≦8°C	100 mg	21,395 †	Ergocalciferol	I/ IR A/ LC
Ergometrine Maleate	≦8°C	50 mg	N/A	Ergometrine Maleate	P/ TLC A/ CA
				Ergometrine Maleate Injection	A/ CA
Ergometrine Maleate	≦8°C	50 mg	N/A	Ergometrine Maleate Tablets	U/ CA A/ CA
Estradiol Benzoate	≦25°C	50 mg	15,309	Estradiol Benzoate	I/ IR P/ CC
				A/ LC	
Estradiol Benzoate	≦25°C	50 mg	15,309	Estradiol Benzoate Injection (Aqueous Suspension)	I/ TLC A/ LC
Estriol	≦25°C	100 mg	15,017	Estriol	I/ UV-VIS I/ IR

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Ethenzamide	≦25°C	300 mg	17,177	Estriol Injection (Aqueous Suspension)	A/ LC
				Estriol Tablets	D/ LC A/ LC
				Ethenzamide	I/ UV-VIS I/ IR
Ethinylestradiol	≦25°C	100 mg	20,970	Ethinylestradiol Tablets	U/ FL A/ CA
				Norgestrel and Ethinylestradiol Tablets	I/ TLC U/ LC
					D/ LC A/ LC
Ethyl Aminobenzoate	≦25°C	250 mg	20,970	Scopolia Extract and Ethyl Aminobenzoate Powder	A/ CA
				Scopolia Extract, Papaverine and Ethyl Aminobenzoate Powder	A/ CA
Ethyl Icosapentate	-20 to -30°C	240 mg	66,857 †	Ethyl Icosapentate	I/ UV-VIS I/ IR
				Ethyl Icosapentate Capsules	A/ GC
Ethyl Parahydroxybenzoate	≦8°C	200 mg	37,029 †	Ethyl Parahydroxybenzoate	I/ IR A/ LC
Etoposide	≦8°C	100 mg	25,715 †	Etoposide	I/ UV-VIS I/ IR
					A/ LC
Fexofenadine Hydrochloride	≦25°C	100 mg	21,600	Fexofenadine Hydrochloride	I/ UV-VIS I/ IR
					A/ LC
				Fexofenadine Hydrochloride Tablets	U/ LC D/ LC
Filgrastim	-80°C	See the last page★	108,000 †	Filgrastim (Genetical Recombination)	I/ SP I/ PM
					A/ LC A/ BA
				Filgrastim (Genetical Recombination) Injection	I/ SP P/ LC
Fludrocortisone Acetate	≦8°C	100 mg	59,657 †	Fludrocortisone Acetate	A/ BA A/ LC
					I/ UV-VIS I/ IR
Fluocinolone Acetonide	≦25°C	50 mg	19,645	Fluocinolone Acetonide	A/ UV-VIS
Fluocinonide	≦25°C	100 mg	21,395 †	Fluocinonide	I/ IR A/ LC
					I/ UV-VIS I/ IR
Fluorometholone	≦25°C	100 mg	20,263	Fluorometholone	A/ LC
Fluoxymesterone	≦25°C	100 mg	20,970	Fluoxymesterone	I/ UV-VIS I/ IR
					A/ LC
Flutamide	≦8°C	150 mg	31,886 †	Flutamide	I/ UV-VIS I/ IR
					A/ LC
Fluvoxamine Maleate	≦25°C	350 mg	28,800 †	Fluvoxamine Maleate	I/ UV-VIS I/ IR
					A/ LC
				Fluvoxamine Maleate Tablets	U/ LC D/ UV-VIS
Folic Acid	≦25°C	500 mg	17,930	Folic Acid	A/ LC
				Folic Acid Injection	I/ UV-VIS A/ CA
				Folic Acid Tablets	A/ CA
Furosemide	≦25°C	200 mg	25,715	Furosemide	I/ UV-VIS I/ IR
				Furosemide Injection	A/ UV-VIS
				Furosemide Tablets	U/ UV-VIS D/ UV-VIS
Fursultiamine Hydrochloride	≦25°C	200 mg	26,214	Fursultiamine Hydrochloride	A/ UV-VIS
Gabexate Mesilate	≦25°C	200 mg	26,214	Gabexate Mesilate	I/ IR A/ LC
Gefarnate	≦8°C	170 mg	77,143 †	Gefarnate	I/ UV-VIS A/ LC
Ginsenoside Rb ₁	-20 to -30°C	15 mg	54,514 †	Bakumondoto Extract	I/ IR 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				

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Ginsenoside Rg ₁	-20 to -30°C	15 mg	66,857 †	Saireito Extract	I/ TLC
				Shosaikoto Extract	I/ TLC
				Ginseng	A/ LC
				Powdered Ginseng	A/ LC
				Hangeshashinto Extract	I/ TLC
Gitoxin	≦25°C	20 mg	19,749 †	Red Ginseng	A/ LC
				Digoxin	P/ LC
Glimepiride	≦25°C	200 mg	47,315	Glimepiride	I/ UV-VIS I/ IR
				Glimepiride Tablets	A/ LC D/ LC
				Glimepiride Tablets	U/ LC
				Glimepiride Tablets	A/ LC
				Pioglitazone Hydrochloride and Glimepiride Tablets	U/ LC D/ LC
D-Glucuronolactone	≦8°C	100 mg	10,286 †	Purified Sodium Hyaluronate	A/ CA
				Purified Sodium Hyaluronate Injection	A/ CA
Glycyrrhizic Acid	≦8°C	30 mg	36,720 †	Bakumondoto Extract	A/ LC
				Bofutsushosan Extract	A/ LC
				Boiogito Extract	A/ LC
				Chotosan Extract	A/ LC
				Daiokanzoto 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
				Prepared Glycyrrhiza	A/ LC
				Hangeshashinto Extract	A/ LC
				Hochuekkito Extract	A/ LC
				Juzentaihoto Extract	A/ LC
				Kakkonto Extract	A/ LC
				Kakkontokasenkyushin'i Extract	A/ LC
				Kamikihito Extract	A/ LC
				Kamishoyosan Extract	A/ LC
				Maoto Extract	A/ LC
				Otsujito 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				
Tokakujokito Extract	A/ LC				
Yokukansan Extract	A/ LC				
Gonadorelin Acetate	-20 to -30°C	180 mg	66,857 †	Gonadorelin Acetate	I/ IR A/ LC
				Guaifenesin	I/ UV-VIS I/ IR
Guaifenesin	≦25°C	200 mg	25,715	Guaifenesin	A/ UV-VIS
				Guaifenesin	A/ UV-VIS
Heparin Sodium	≦8°C	See the last page★	35,897 †	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 Test	≦8°C	100 mg	18,514 †	Heparin Calcium	I/ LC P/ LC
				Heparin Sodium	I/ LC P/ NMR
High-molecular Mass Urokinase	≦-20°C	1180 Units	25,715 †	Urokinase	A/ EA
				Human Chorionic Gonadotrophin	A/ BA
Human Chorionic Gonadotrophin	≦-20°C	1030 Units	41,554 †	Human Chorionic Gonadotrophin	A/ BA
				Human Chorionic Gonadotrophin for Injection	A/ BA
Human Menopausal Gonadotrophin	≦-20°C	See the last page★	46,594 †	Human Menopausal Gonadotrophin	P/ BA A/ BA
				Human Menopausal Gonadotrophin	P/ BA
Hydrochlorothiazide	≦25°C	100 mg	16,663	Candesartan Cilexetil and Hydrochlorothiazide Tablets	U/ LC D/ LC
				Candesartan Cilexetil and Hydrochlorothiazide Tablets	A/ LC

† Special Handling required item. It will be required an additional fee and certain lead time. Please make contact customer service for more detail.

*¹ For Abbreviations, see the last page.

Reference Standard	Storage Temperature	Package Size	Price (¥)	Use		
				Monograph in Japanese Pharmacopoeia	Test or assay item*1	
				Hydrochlorothiazide	I/ UV-VIS	A/ LC
				Losartan Potassium and Hydrochlorothiazide Tablets	U/ LC	D/ LC
Hydrocortisone	≦25°C	100 mg	17,485	Hydrocortisone	I/ IR	A/ LC
Hydrocortisone Acetate	≦25°C	100 mg	17,691	Hydrocortisone Sodium Phosphate	P/ LC	
Hydrocortisone Sodium Phosphate	≦25°C	100 mg	17,897	Hydrocortisone Acetate	I/ IR	A/ LC
Hydrocortisone Succinate	≦25°C	100 mg	18,926	Hydrocortisone Sodium Phosphate	I/ IR	A/ LC
				Hydrocortisone Sodium Succinate	I/ IR	A/ UV-VIS
				Hydrocortisone Succinate	I/ IR	A/ LC
Idoxuridine	≦25°C	100 mg	15,728	Idoxuridine	I/ UV-VIS	
				Idoxuridine Ophthalmic Solution	A/ LC	
Imipramine Hydrochloride	≦25°C	200 mg	26,214	Imipramine Hydrochloride	I/ UV-VIS	
				Imipramine Hydrochloride Tablets	U/ UV-VIS	D/ UV-VIS
					A/ CA	
Indapamide	≦8°C	200 mg	62,743 †	Indapamide	I/ UV-VIS	I/ IR
					A/ LC	
				Indapamide Tablets	I/ TLC	U/ LC
					D/ LC	A/ LC
Indometacin	≦25°C	350 mg	26,214 †	Indometacin	I/ UV-VIS	I/ IR
				Indometacin Capsules	P/ TLC	U/ LC
					D/ UV-VIS	A/ LC
				Indometacin Suppositories	U/ UV-VIS	A/ LC
Insulin Glargine	≦-20°C	14.92 mg	133,379 †	Insulin Glargine (Genetical Recombination)	I/ PM	A/ LC
				Insulin Glargine (Genetical Recombination) Injection	I/ LC	A/ LC
Insulin Human	-20 to -30°C	See the last page★	33,326 †	Insulin Human (Genetical Recombination)	I/ PM	A/ LC
				Insulin Human (Genetical Recombination) Injection	P/ LC	A/ LC
Interleukin-2	-80°C	3600 Units	25,715 †	Celmoleukin (Genetical Recombination)	A/ BA	
				Teceleukin (Genetical Recombination)	A/ BA	
				Teceleukin for Injection (Genetical Recombination)	A/ BA	
Ipriflavone	≦25°C	100 mg	33,943	Ipriflavone	I/ UV-VIS	I/ IR
					A/ LC	
				Ipriflavone Tablets	A/ LC	
Isoflurane	≦8°C	18 mL	40,114 †	Isoflurane	I/ IR	A/ GC
Isomalt	≦8°C	1.5 g	Quote	Isomalt Hydrate	I/ LC	A/ LC
Kallidinogenase	-20 to -30°C	109 Units	17,383 †	Kallidinogenase	A/ EA	
Anhydrous Lactose	≦25°C	50 mg	12,582	Anhydrous Lactose	I/ IR	
Lactose	≦25°C	50 mg	10,486	Lactose Hydrate	I/ IR	
Lactulose	≦25°C	1.5 g	26,214	Lactulose	P/ LC	A/ LC
Lanatoside C	≦25°C	100 mg	19,645 †	Lanatoside C	P/ TLC	A/ CA
				Lanatoside C Tablets	I/ TLC	U/ FL
					D/ FL	A/ CA
Lansoprazole	≦8°C	200 mg	Quote	Lansoprazole	I/ UV-VIS	I/ IR
					A/ LC	
				Lansoprazole Delayed-release Orally Disintegrating Tablets	U/ UV-VIS	A/ LC
				Lansoprazole Delayed-release Capsules	U/ UV-VIS	A/ LC
Lenograstim	-80°C	See the last page★	73,029 †	Lenograstim (Genetical Recombination)	I/ LC	I/ PM
					P/ LC	A/ LC
					A/ BA	
Leuprorelin Acetate	-20 to -30°C	500 mg	272,306 †	Leuprorelin Acetate	I/ IR	A/ LC
Limaprost	-20 to -30°C	10 mg	66,857 †	Limaprost Alfadex	A/ LC	
Losartan Potassium	≦25°C	100 mg	19,543	Losartan Potassium	I/ UV-VIS	I/ IR
					A/ LC	
				Losartan Potassium Tablets	U/ LC	D/ UV-VIS
					A/ LC	
				Losartan Potassium and Hydrochlorothiazide Tablets	U/ LC	D/ LC
					A/ LC	
Low-molecular Mass Heparin	≦8°C	See the last page★	35,486 †	Parnaparin Sodium	A/ EA	
Loxoprofen	≦8°C	200 mg	22,019 †	Loxoprofen Sodium Hydrate	A/ LC	

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*1 For Abbreviations, see the last page.

Reference Standard	Storage Temperature	Package Size	Price (¥)	Use		
				Monograph in Japanese Pharmacopoeia	Test or assay item* ¹	
				Loxoprofen Sodium Tablets	U/ LC	D/ UV-VIS
Lysozyme	≦8°C	See the last page★	33,943 †	Lysozyme Hydrochloride	A/ LC	
Maltose	≦25°C	300 mg	33,553	Maltose Hydrate	A/ LC	
Manidipine Hydrochloride	≦8°C	250 mg	59,657 †	Manidipine Hydrochloride	I/ UV-VIS	I/ IR
				Manidipine Hydrochloride Tablets	A/ LC	
					I/ TLC	U/ LC
D-Mannitol	≦8°C	4.6 g	35,581 †	D-Mannitol	D/ LC	A/ LC
Mecobalamin	≦25°C	450 mg	25,715	Mecobalamin	I/ IR	A/ LC
Medroxyprogesterone Acetate	≦8°C	150 mg	Quote	Medroxyprogesterone Acetate	I/ UV-VIS	A/ LC
					I/ UV-VIS	I/ IR
Menatetrenone	≦8°C	300 mg	25,715 †	Menatetrenone	A/ LC	
Mestranol	≦25°C	100 mg	15,840	Mestranol	I/ IR	A/ LC
					I/ UV-VIS	I/ IR
					A/ UV-VIS	
Methotrexate	≦8°C	800 mg	20,447 †	Methotrexate	I/ UV-VIS	I/ IR
					A/ LC	
				Methotrexate Capsules	U/ LC	D/ LC
					A/ LC	
Methoxsalen	≦25°C	200 mg	16,148	Methoxsalen	I/ UV-VIS	A/ UV-VIS
Methyldopa	≦25°C	400 mg	26,214	Methyldopa Hydrate	I/ UV-VIS	I/ IR
				Methyldopa Tablets	U/ CA	A/ CA
Methylergometrine Maleate	≦25°C	50 mg	19,131	Methylergometrine Maleate	I/ UV-VIS	A/ CA
				Methylergometrine Maleate Tablets	U/ CA	D/ FL
					A/ CA	
Methyl Parahydroxybenzoate	≦8°C	200 mg	37,029 †	Methyl Parahydroxybenzoate	I/ IR	A/ LC
				General Tests (9.41 Reagents, Test Solutions) Methyl parahydroxybenzoate for resolution check I/IR)		
Methylprednisolone Succinate	≦25°C	100 mg	25,715	Methylprednisolone Succinate	I/ UV-VIS	I/ IR
					A/ LC	
				Mecobalamin Tablets	U/ LC	D/ LC
					A/ LC	
Methyltestosterone	≦25°C	100 mg	20,970	Methyltestosterone	I/ UV-VIS	I/ IR
					A/ LC	
				Methyltestosterone Tablets	I/ TLC	U/ UV-VIS
					D/ UV-VIS	A/ LC
Metildigoxin	≦25°C	50 mg	16,046 †	Metildigoxin	I/ UV-VIS	I/ IR
					A/ CA	
Mexiletine Hydrochloride	≦25°C	100 mg	15,728	Mexiletine Hydrochloride	I/ UV-VIS	I/ IR
					A/ LC	
Miglitol	≦8°C	200 mg	Quote	Miglitol	I/ IR	I/ TLC
					A/ LC	
Mitiglinide Calcium	≦8°C	360 mg	Quote	Mitiglinide Calcium Hydrate	I/ UV-VIS	I/ IR
					A/ LC	
				Mitiglinide Calcium Tablets	U/ LC	D/ LC
					A/ LC	
Mizoribine	≦8°C	300 mg	48,343 †	Mizoribine	I/ UV-VIS	I/ IR
					A/ LC	
				Mizoribine Tablets	I/ TLC	U/ UV-VIS
					D/ UV-VIS	A/ UV-VIS
Montelukast for System Suitability	≦8°C	5 mg	Quote	Montelukast Sodium	A/ LC	
Montelukast Dicyclohexylamine	≦8°C	120 mg	Quote	Montelukast Sodium	A/ LC	
				Montelukast Sodium Tablets	U/ LC	D/ LC
					A/ LC	
				Montelukast Sodium Chewable Tablets	U/ LC	D/ LC
					A/ LC	
Montelukast Racemate for System Suitability	≦8°C	5 mg	Quote	Montelukast Sodium	P/ LC	
Montelukast Sodium for Identification	≦8°C	50 mg	Quote	Montelukast Sodium	I/ UV-VIS	I/ IR
Nabumetone	≦8°C	200 mg	55,543 †	Nabumetone	I/ UV-VIS	I/ IR
					A/ LC	
				Nabumetone Tablets	D/ UV-VIS	A/ LC

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*¹ For Abbreviations, see the last page.

Reference Standard	Storage Temperature	Package Size	Price (¥)	Use	
				Monograph in Japanese Pharmacopoeia	Test or assay item* ¹
				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	≦25°C	100 mg	N/A	Pentobarbital Calcium	A/ UV-VIS
Perphenazine	≦25°C	100 mg	20,970	Perphenazine	A/ LC
				Perphenazine Tablets	I/ UV-VIS
					U/ UV-VIS D/ UV-VIS
					A/ UV-VIS
Phytonadione	≦8°C avoiding freezing	200 mg	64,800 †	Phytonadione	A/ LC
Pioglitazone Hydrochloride	≦8°C	160 mg	26,743 †	Pioglitazone Hydrochloride	I/ UV-VIS I/ IR
					A/ LC
				Pioglitazone Hydrochloride Tablets	U/ UV-VIS D/ UV-VIS
					A/ LC
				Pioglitazone Hydrochloride and Glimepiride Tablets	U/ LC D/ LC
					A/ LC
				Pioglitazone Hydrochloride and Metformin Hydrochloride Tablets	U/ LC D/ LC
					A/ LC
Pitavastatin Methylbenzylamine	≦8°C	100 mg	74,950 †	Pitavastatin Calcium Hydrate	A/ LC
				Pitavastatin Calcium Tablets	U/ LC D/ LC
					A/ LC
					A/ LC
Potassium Sucrose Octasulfate	-20 to -30°C	1 g	18,514 †	Sucralfate Hydrate	A/ LC
Povidone	≦8°C	50 mg	14,679 †	Povidone	I/ IR
Pranlukast	≦8°C	100 mg	71,147 †	Pranlukast Hydrate	I/ UV-VIS I/ IR
					A/ LC
Pravastatin 1,1,3,3-Tetramethylbutylammonium	-20 to -30°C	200 mg	25,715 †	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
					A/ LC
Prazosin Hydrochloride	≦25°C	100 mg	27,771	Prazosin Hydrochloride	I/ UV-VIS I/ IR
					A/ LC
Prednisolone	≦25°C	100 mg	17,177	Prednisolone	I/ IR A/ LC
				Prednisolone Tablets	I/ IR U/ UV-VIS
					D/ UV-VIS A/ LC
				Prednisolone Sodium Phosphate	A/ UV-VIS
Prednisolone Acetate	≦25°C	100 mg	17,383	Prednisolone Acetate	I/ IR A/ LC
Prednisolone Succinate	≦25°C	150 mg	20,970	Prednisolone Succinate	I/ IR A/ UV-VIS
				Prednisolone Sodium Succinate for Injection	A/ LC
Primidone	≦25°C	300 mg	17,280	Primidone	A/ UV-VIS
Probenecid	≦25°C	500 mg	33,553	Probenecid	I/ UV-VIS
				Probenecid Tablets	I/ UV-VIS U/ UV-VIS
					D/ UV-VIS A/ UV-VIS
Probucol	≦25°C	300 mg	34,971	Probucol	I/ UV-VIS I/ IR
					A/ LC
				Probucol Fine Granules	U/ LC A/ LC
				Probucol Tablets	U/ LC A/ LC
Prochlorperazine Maleate	≦25°C	500 mg	33,553	Prochlorperazine Maleate Tablets	I/ TLC U/ LC
					D/ UV-VIS A/ LC
Progesterone	≦25°C	150 mg	25,715	Progesterone	I/ UV-VIS I/ IR
					A/ UV-VIS
				Progesterone Injection	I/ TLC A/ LC
Propiverine Hydrochloride	≦25°C	200 mg	25,715	Propiverine Hydrochloride	I/ UV-VIS I/ IR
					A/ LC
				Propiverine Hydrochloride Tablets	U/ LC D/ LC
					A/ LC
Propyl Parahydroxybenzoate	≦8°C	200 mg	37,029 †	Propyl Parahydroxybenzoate	I/ IR A/ LC
				General Tests (9.41) Reagents, Test Solutions Propyl parahydroxybenzoate for resolution check	I/IR
Puerarin	≦8°C	20 mg	35,794 †	Kakkonto Extract	I/ TLC
				Kakkontokasenkyushin'i Extract	I/ TLC
				Pueraria Root	I/ TLC A/ LC
Pyridoxine Hydrochloride	≦25°C	200 mg	25,165	Pyridoxine Hydrochloride	I/ UV-VIS I/ IR

N/A: Not available for overseas shipping.

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*¹ For Abbreviations, see the last page.

Reference Standard	Storage Temperature	Package Size	Price (¥)	Use	
				Monograph in Japanese Pharmacopoeia	Test or assay item*1
Quetiapine Fumarate	≦8°C	170 mg	26,743 †	Pyridoxine Hydrochloride Injection	I/ TLC A/ CA
				Quetiapine Fumarate	I/ UV-VIS I/ IR
				Quetiapine Fumarate Fine Granules	A/ LC
				Quetiapine Fumarate Tablets	D/ UV-VIS A/ LC
Rabeprazole Sodium	≦8°C	1.35 g	47,315 †	Rabeprazole Sodium	U/ LC D/ LC
				Rabeprazole Sodium	I/ UV-VIS I/ IR
Ranitidine Hydrochloride	≦25°C	100 mg	25,715	Ranitidine Hydrochloride	A/ LC I/ UV-VIS I/ IR
Reserpine	≦25°C	50 mg	30,093 †	Reserpine	I/ UV-VIS I/ IR
				Reserpine Injection	A/ LC
				0.1% Reserpine Powder	A/ UV-VIS
				Reserpine Tablets	A/ LC
Residual Solvents Class 1	Room Temperature	1.2 mL ×3	N/A	General Tests (2.46 Residual Solvents)	
Residual Solvents Class 2A	Room Temperature	1.2 mL ×3	Quote	General Tests (2.46 Residual Solvents)	
Residual Solvents Class 2B	Room Temperature	1.2 mL ×3	Quote	General Tests (2.46 Residual Solvents)	
Residual Solvents for System Suitability	Room Temperature	1.2 mL ×3	Quote	General Tests (2.46 Residual Solvents)	
Retinol Acetate	≦8°C	10000 Units ×5	19,029 †	Retinol Acetate	I/ TLC
				Vitamin A Oil	I/ TLC
Retinol Palmitate	≦8°C	10000 Units ×5	18,000 †	Retinol Palmitate	I/ TLC
				Vitamin A Oil	I/ TLC
Ribavirin	≦8°C	150 mg	Quote	Ribavirin	I/ UV-VIS I/ IR
				Ribavirin Capsules	A/ LC
				Ribavirin Capsules	U/ LC D/ LC
Riboflavin	≦25°C	200 mg	20,237	Flavin Adenine Dinucleotide Sodium	A/ LC
				Riboflavin	A/ UV-VIS
				Riboflavin Powder	I/ UV-VIS A/ UV-VIS
				Riboflavin Butyrate	D/ UV-VIS A/ UV-VIS
				Riboflavin Sodium Phosphate	A/ UV-VIS
				Riboflavin Sodium Phosphate Injection	A/ UV-VIS
Risedronic Acid	≦25°C	200 mg	44,228	Sodium Risedronate Hydrate	A/ LC
				Sodium Risedronate Tablets	U/ LC D/ LC
				Sodium Risedronate Tablets	A/ LC
Ritodrine Hydrochloride	≦25°C	250 mg	66,857	Ritodrine Hydrochloride	I/ UV-VIS I/ IR
				Ritodrine Hydrochloride Tablets	A/ LC
				Ritodrine Hydrochloride Tablets	U/ LC D/ LC
Roxatidine Acetate Hydrochloride	≦25°C	300 mg	53,486	Roxatidine Acetate Hydrochloride	A/ LC
				Roxatidine Acetate Hydrochloride Extended-release Capsules	I/ UV-VIS I/ IR
				Roxatidine Acetate Hydrochloride Extended-release Tablets	U/ LC D/ LC
				Roxatidine Acetate Hydrochloride Extended-release Tablets	A/ LC
				Roxatidine Acetate Hydrochloride for Injection	U/ LC A/ LC
				Roxatidine Acetate Hydrochloride for Injection	A/ LC
Saccharated Pepsin	≦8°C	See the last page★	26,023 †	Saccharated Pepsin	A/ DT
Sarpogrelate Hydrochloride	≦25°C	350 mg	23,657	Sarpogrelate Hydrochloride	I/ UV-VIS I/ IR
				Sarpogrelate Hydrochloride Fine Granules	A/ LC
				Sarpogrelate Hydrochloride Fine Granules	U/ LC D/ UV-VIS
				Sarpogrelate Hydrochloride Tablets	A/ LC
Scopolamine Hydrobromide	≦25°C	200 mg	26,214 †	Opium Alkaloids and Scopolamine Injection	U/ LC D/ UV-VIS
				Weak Opium Alkaloids and Scopolamine Injection	A/ LC
				Belladonna Total Alkaloids	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 Powder	I/ TLC A/ LC

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*1 For Abbreviations, see the last page.

Reference Standard	Storage Temperature	Package Size	Price (¥)	Use	
				Monograph in Japanese Pharmacopoeia	Test or assay item* ¹
Sennoside A	≦8°C	20 mg	33,737 †	Scopolia Extract and Ethyl Aminobenzoate Powder	I/ TLC
				Daiokanzoto Extract	A/ LC
				Otsujito Extract	A/ LC
				Rhubarb	A/ LC
				Powdered Rhubarb	A/ LC
				Senna Leaf	I/ TLC A/ LC
Sennoside B	≦8°C	20 mg	32,503 †	Powdered Senna Leaf	I/ TLC A/ LC
				Tokakujokito Extract	A/ LC
				Senna Leaf	A/ LC
Sevoflurane	≦8°C	18 mL	52,457 †	Sevoflurane	I/ IR A/ GC
				Silodosin	I/ UV-VIS I/ IR
Simvastatin	-20 to -30°C	100 mg	25,715 †	Silodosin	A/ LC
					Silodosin Tablets
				Simvastatin	D/ LC A/ LC
					Simvastatin Tablets
Sivelestat	-20 to -30°C	120 mg	93,363 †	Sivelestat Sodium Hydrate	A/ LC
				Sivelestat Sodium for Injection	A/ LC
Spironolactone	≦25°C	200 mg	25,715	Spironolactone	I/ UV-VIS I/ IR
					A/ UV-VIS
				Spironolactone Tablets	U/ LC D/ UV-VIS
Sulfadiazine Silver	≦25°C	300 mg	20,970	Sulfadiazine Silver	I/ IR A/ UV-VIS
Sulfanilamide for Apparatus Suitability	≦25°C	200 mg	10,286	General Tests (2.60 Melting Point Determination)	MP _f 166.5°C
Sulfapyridine for Apparatus Suitability	≦25°C	200 mg	10,286	General Tests (2.60 Melting Point Determination)	MP _f 192.5°C
Swertiamarin	≦8°C	20 mg	35,074 †	Swertia Herb	I/ TLC A/ LC
				Powdered Swertia Herb	I/ TLC A/ LC
				Swertia and Sodium Bicarbonate Powder	I/ TLC
				Tacalcitol Hydrate	I/ UV-VIS I/ IR
Tacalcitol	-20 to -30°C	4 mg	135,771 †		A/ LC
				Tacalcitol Lotion	I/ LC A/ LC
				Tacalcitol Ointment	I/ LC A/ LC
Tacrolimus	≦8°C	100 mg	29,829 †	Tacrolimus Hydrate	I/ IR A/ LC
				Tacrolimus Capsules	U/ LC A/ LC
Teprenone	-20 to -30°C	170 mg	28,800 †	Teprenone	I/ IR A/ GC
				Teprenone Capsules	U/ GC D/ LC
					A/ GC
Testosterone Propionate	≦25°C	50 mg	19,235	Testosterone Enanthate Injection	A/ CA
				Testosterone Propionate	I/ UV-VIS I/ IR
					A/ LC
Thiamine Chloride Hydrochloride	≦25°C	1 g	19,923	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
Thiamylal	≦25°C	100 mg	25,715	Dried Yeast	A/ LC
				Thiamylal Sodium	A/ LC
				Thiamylal Sodium for Injection	A/ LC
Thrombin	-20 to -30°C	720 Units ×2	45,155 †	Thrombin	A/ EA
Tocopherol	≦8°C	150 mg	22,217 †	Tocopherol	I/ IR A/ LC
				Tocopherol Acetate	P/ TLC
				Tocopherol Calcium Succinate	P/ TLC
				Tocopherol Acetate	I/ IR A/ LC
Tocopherol Nicotinate	≦25°C	150 mg	24,274	Tocopherol Nicotinate	I/ UV-VIS I/ IR
Tocopherol Succinate	≦8°C	150 mg	22,114 †	Tocopherol Calcium Succinate	A/ LC
Tolazamide	≦25°C	100 mg	20,970	Tolazamide	I/ UV-VIS I/ IR

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*¹ For Abbreviations, see the last page.

Reference Standard	Storage Temperature	Package Size	Price (¥)	Use	
				Monograph in Japanese Pharmacopoeia	Test or assay item* ¹
Tolbutamide	≦25°C	200 mg	26,214	Tolbutamide Tablets	A/ LC D/ UV-VIS
Tolnaftate	≦25°C	200 mg	17,075	Tolnaftate	I/ UV-VIS I/ IR
				Tolnaftate Solution	A/ UV-VIS I/ TLC A/ LC
Tosufloxacin Tosilate	≦8°C	350 mg	38,057 †	Tosufloxacin Tosilate Hydrate	I/ UV-VIS I/ IR
				Tosufloxacin Tosilate Tablets	A/ LC U/ LC D/ UV-VIS A/ LC
Tranexamic Acid	≦25°C	200 mg	25,715	Tranexamic Acid	I/ IR A/ LC
				Tranexamic Acid Capsules	D/ LC A/ LC
				Tranexamic Acid Injection	A/ LC
				Tranexamic Acid Tablets	A/ LC
Trehalose	≦25°C	600 mg	70,971	Trehalose Hydrate	I/ IR A/ LC
Triamcinolone	≦25°C	100 mg	19,851	Triamcinolone	I/ IR A/ LC
Triamcinolone Acetonide	≦25°C	100 mg	19,851	Triamcinolone Acetonide	I/ UV-VIS I/ IR
					A/ LC
Trichlormethiazide	≦25°C	250 mg	46,286	Trichlormethiazide	I/ UV-VIS I/ IR
				Trichlormethiazide Tablets	A/ LC I/ TLC U/ LC D/ LC A/ LC
Trihexyphenidyl Hydrochloride	≦25°C	300 mg	33,553	Trihexyphenidyl Hydrochloride Tablets	I/ TLC U/ CA D/ CA A/ CA
Troxipide	≦25°C	250 mg	27,771	Troxipide	I/ UV-VIS I/ IR
				Troxipide Fine Granules	U/ LC D/ UV-VIS
				Troxipide Tablets	A/ LC U/ LC D/ UV-VIS A/ LC
Tyrosine	≦25°C	500 mg	13,316	General Tests (4.03 Digestion Test)	
				Serrapeptase	A/ CA
Ubidecarenone	≦8°C	150 mg	26,214 †	Ubidecarenone	I/ IR A/ LC
Ulinastatin	-20 to -30°C	3700 Units	37,852 †	Ulinastatin	A/ EA
Valaciclovir Hydrochloride	≦8°C	150 mg	Quote	Valaciclovir Hydrochloride	I/ UV-VIS I/ IR
				Valaciclovir Hydrochloride Tablets	A/ LC D/ UV-VIS A/ LC
Valsartan	≦8°C	350 mg	21,600 †	Valsartan	I/ UV-VIS I/ IR
				Valsartan Tablets	A/ LC I/ UV-VIS U/ UV-VIS D/ UV-VIS A/ LC
Vanillin for Apparatus Suitability	≦25°C	200 mg	10,286	General Tests (2.60 Melting Point Determination)	MP _f 83.0°C
Vasopressin	≦8°C	See the last page★	56,571 †	Vasopressin Injection	A/ BA
Vinblastine Sulfate	-20 to -30°C	50 mg	26,214 †	Vinblastine Sulfate	I/ UV-VIS I/ IR
				Vinblastine Sulfate for Injection	A/ LC I/ UV-VIS U/ LC A/ LC
Vincristine Sulfate	-20 to -30°C	80 mg	65,828 †	Vincristine Sulfate	I/ UV-VIS I/ IR
					A/ LC
Voriconazole	≦8°C	200 mg	Quote	Voriconazole	I/ UV-VIS I/ IR
				Voriconazole Tablets	A/ LC U/ LC D/ UV-VIS A/ LC
Warfarin Potassium	≦25°C	350 mg	25,715 †	Warfarin Potassium	I/ UV-VIS I/ IR
				Warfarin Potassium Tablets	A/ LC U/ UV-VIS D/ LC A/ UV-VIS
Zidovudine	≦25°C	200 mg	40,114	Zidovudine	I/ IR A/ LC

† Special Handling required item. It will be required an additional fee and certain lead time. Please make contact customer service for more detail.

*¹ For Abbreviations, see the last page.

2. Official Non-pharmacopoeial Reference Standards

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

Reference Standard	Storage Temperature	Package Size	Price (¥)	Use	
				Monograph in Japanese Pharmaceutical Codex	Test or assay item *1
Estradiol*2	≤25°C	50 mg	19,645	Estradiol	A/ UV-VIS
Estrone*2	≤25°C	50 mg	19,645	Estrone	I/ IR A/ UV-VIS
Fludroxycortide*2	≤25°C	100 mg	23,760	Fludroxycortide	A/ LC
Indocianine Green*2	≤8°C	300 mg	18,617 †	Indocianine Green	A/ UV-VIS

2-2. Other Reference Standards

Reference Standard	Storage Temperature	Package Size	Price (¥)	Use
Human Growth Hormone*2	-20 to -30°C	4.5 mg	43,920 †	—

† Special Handling required item. It will be required an additional fee and certain lead time. Please contact customer service for more detail. □

Storage temperature is defined as follows:

Room Temperature: Store between 1 and 30°C

≤25°C (below 25°C) : Store between 1 and 25°C

≤8°C (below 8°C) : Store between 1 and 8°C

≤-20°C (below -20°C) : Store at -20°C or below

-20 to -30°C: Store between -20°C and -30°C, and avoid storage below -30°C due to the closure durability.

-80°C: Store at -80°C ± 10°C

★ Packing Unit

Epoetin Alfa	0.05 mL	1.25 mg protein/mL	2.02×10 ⁵ Units/mg protein
Epoetin Beta	0.25 mL	0.999 mg protein/mL	220000 Units/mL
Filgrastim	1 mL	0.493 mg protein/mL	1.6×10 ⁸ Units/mg protein
Heparin Sodium	1690 Units (Heparin Units) of anti-factor IIa activity/vial,	1700 Units of anti-factor Xa activity/vial	
Human Menopausal Gonadotrophin	3 ampoules	154 follicle-stimulating hormone Units/ampoule	127 luteinizing hormone (interstitial cell-stimulating hormone) Units/ampoule
Insulin Human	50 mg	26.0 Units/mg	
Lenograstim	1 mL	0.512 mg protein/mL	63.84×10 ⁶ Units/mL
Low-molecular Mass Heparin	690 Units of anti-factor IIa activity/ampoule,	1750 Units of anti-factor Xa activity/ampoule	
Lysozyme	500 mg	0.98 mg (potency)/mg (calculated on the dried basis)	
Nartograstim	1 mL	1.1 mg protein/mL	4.8×10 ⁸ Units/mg protein
Saccharated Pepsin	5 g	5800 Units/g	
Vasopressin	5 mg	475 Units/mg	

* 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