AVANTOR™ BIOPHARMACEUTICAL PRODUCTS

FERMENTATION AND CELL CULTURE

Amino Acids

Product	Brand	P/N	Grade	cGMP	Available size range*	
L-Arginine	J.T.Baker®	2066	Multicompendial	Yes	1 kg	12 kg
L-Arginine Hydrochloride	J.T.Baker®	2067	Multicompendial	Yes	1 kg	12 kg
L-Asparagine, Monohydrate	J.T.Baker®	2068	FCC	No	1 kg	12 kg
L-Cysteine Hydrochloride, Monohydrate	J.T.Baker®	2071	Multicompendial	Yes	100 g	1 kg
L-Cystine	J.T.Baker®	2073	Multicompendial	Yes	1 kg	
L-Glutamic Acid	J.T.Baker®	2077	Multicompendial	Yes	1 kg	
L-Glutamine	J.T.Baker®	2078	USP - FCC	Yes	1 kg	12 kg
Glycine	J.T.Baker®	0581	USP - FCC	Yes	500 g	12 kg
Glycylglycine	J.T.Baker®	2079	Baker Analyzed Reagent	No	1 kg	
L-Histidine	J.T.Baker®	2080	Multicompendial	Yes	1 kg	12 kg
L-Histidine Monohydrochloride	J.T.Baker®	2081	Multicompendial	Yes	1 kg	12 kg
L-Isoleucine	J.T.Baker®	2082	Multicompendial	Yes	100 g	12 kg
L-Leucine	J.T.Baker®	2083	Multicompendial	Yes	1 kg	12 kg
L-Lysine Hydrochloride	J.T.Baker®	2084	Multicompendial	Yes	1 kg	50 kg
L-Methionine	J.T.Baker®	2085	Multicompendial	Yes	100 g	1 kg
L-Phenylalanine	J.T.Baker®	2086	Multicompendial	Yes	1 kg	12 kg
L-Proline	J.T.Baker®	2087	Multicompendial	Yes	1 kg	
L-Serine	J.T.Baker®	2088	Multicompendial	Yes	1 kg	12 kg
L-Threonine	J.T.Baker®	2089	Multicompendial	Yes	1 kg	12 kg
L-Tryptophan	J.T.Baker®	2092	Multicompendial	Yes	1 kg	12 kg
L-Tyrosine	J.T.Baker®	2093	Multicompendial	Yes	1 kg	
L-Tyrosine Disodium Salt, Dihydrate	J.T.Baker®	2094	Baker Analyzed Reagent	No	100 g	12 kg
L-Valine	J.T.Baker®	2095	Multicompendial	Yes	100 g	12 kg

Minerals and Nutrients

Product	Brand	P/N	Grade	GMP	Available size range*	
Calcium Chloride	Macron Fine Chemicals™	7722	GenAR	Yes	12 kg	
Magnesium Sulfate, Anhydrous	Macron Fine Chemicals™	5053	USP	Yes	12 kg	
Magnesium Sulfate, Heptahydrate	Macron Fine Chemicals™	5691	GenAR	Yes	100 lb	
Potassium Iodide	Macron Fine Chemicals™	1115	GenAR	Yes	500 g	50 kg
Potassium Sulfate	Macron Fine Chemicals™	7132	FCC - Purified	No	50 kg	
Sodium Chloride	J.T.Baker®	3627	Multicompendial	Yes	2.5 kg	12 kg
Sodium Phosphate, Monobasic, Monohydrate	J.T.Baker®	3820	USP - FCC	Yes	12 kg	
Sodium Phosphate, Dibasic, Anhydrous	J.T.Baker®	3827	USP - FCC	Yes	12 kg	
Sodium Phosphate, Dibasic, Heptahydrate	J.T.Baker®	3803	Multicompendial	Yes	12 kg	
Sodium Phosphate, Dibasic, Dodecylhydrate	J.T.Baker®	3822	Baker Analyzed Reagent	No	12 kg	
Sodium Phosphate, Tribasic, Dodecyhydrate	J.T.Baker®	3836	Baker Analyzed ACS Reagent	No	12 kg	
Zinc Sulfate	Macron Fine Chemicals™	8872	USP - FCC	Yes	2.5 kg	12 kg

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PERFORMANCE MATERIALS

pH Adjusters (Acid)

Product	Brand	P/N	Grade	cGMP	Available size range*	
Acetic Acid, Glacial	J.T.Baker®	9526	Multicompendial	Yes	2.5 L	15 L
Citric Acid, Anyhydrous	J.T.Baker®	0127	Multicompendial	Yes	2.5 kg	12 kg
Citric Acid, Monohydrate	J.T.Baker®	0115	Multicompendial	Yes	2.5 kg	12 kg
Hydrochloric Acid, 36.5–38.0%	Macron Fine Chemicals™	2612	NF-FCC-ACS	Yes	2.5 L	47 lb
Nitric Acid	J.T.Baker®	9607	NF	Yes	2.5 L	
Phosphoric Acid	J.T.Baker®	0262	NF-FCC	Yes	4 L	200 lb
Sulfuric Acid	J.T.Baker®	9671	Multicompendial	Yes	2.5 L	76 lb

pH Adjusters (Base)

Product	Brand	P/N	Grade	cGMP	Available size range*	
Ammonia Solution, Strong	J.T.Baker®	9736	Multicompendial	Yes	2.5 L	360 lb
Ammonium Hydroxide, 28.0–30.0%	J.T.Baker®	9721	Baker Analyzed ACS Reagent	No	2.5 L	4 L
Potassium Hydroxide, Pellets	J.T.Baker®	3146	NF-FCC	Yes	2.5 kg	12 kg
Potassium Hydroxide 45% Solution	J.T.Baker®	3143	Baker Analyzed Reagent	No	4 L	19 L
Sodium Bicarbonate	J.T.Baker®	3510	Multicompendial	Yes	2.5 kg	12 kg
Sodium Carbonate, Anhydrous	J.T.Baker®	3605	NF-FCC	Yes	3 kg	100 lb
Sodium Carbonate, Monohydrate	J.T.Baker®	3603	Multicompendial	Yes	2.5 kg	12 kg
Sodium Hydroxide, Pellets	J.T.Baker®	3728	NF-FCC	Yes	2.5 kg	12 kg
Sodium Hydroxide 25% Solution	J.T.Baker®	0338	Biotech Reagent	Yes	19 L	200 L
Sodium Hydroxide 50% Solution	J.T.Baker®	0339	Biotech Reagent	Yes	19 L	200 L

Sugars

Product	Brand	P/N	Grade	cGMP	Available size range*	
Dextrose, Anhydrous	J.T.Baker®	1920	Multicompendial	Yes	2.5 kg	12 kg
Dextrose, Monohydrate	J.T.Baker®	1913	Multicompendial	Yes	2.5 kg	12 kg
Lactose, Monohydrate	J.T.Baker®	2250	Multicompendial	Yes	2.5 kg	12 kg
Mannitol, Powder	J.T.Baker®	2553	Multicompendial	Yes	2.5 kg	12 kg
Sucrose, Crystal	J.T.Baker®	4074	Multicompendial	Yes	2.5 kg	12 kg
Sucrose, Crystal	J.T.Baker®	4072	Baker Analyzed ACS Reagent	No	2.5 kg	12 kg

Protein Expression Inducing Agents

Product	Brand	P/N	Grade	cGMP	Available size range*	
IPTG	Macron Fine Chemicals™	V263	GenAR	No	1 g	

Additional sizes may be available. Contact your Avantor™ account manager for more details.

Information current as of March 1, 2012

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AVANTOR™ BIOPHARMACEUTICAL PRODUCTS

HARVEST

Denaturants

Product	Brand	P/N	Grade	cGMP	Available size range*	
Guanidine Hydrochloride, XTL	Macron Fine Chemicals™	0507	GenAR	Yes	5 kg	12 kg
Guanidine Hydrochloride 6 M Solution	Macron Fine Chemicals™	0563	GenAR	Yes	19 L	200 L
Guanidine Hydrochloride 8 M Solution	Macron Fine Chemicals™	0561	GenAR	Yes	19 L	200 L
Guanidine Thiocyanate	J.T.Baker®	4083	Biotech Reagent	No	5 kg	12 kg
Thiourea	J.T.Baker®	4123	Baker Analyzed ACS Reagent	No	2.5 kg	12 kg
Urea	J.T.Baker®	4203	Multicompendial	Yes	12 kg	50 kg

Disulfide Reducing Agents

Product	Brand	P/N	Grade	cGMP	Available size range*	
DTT	J.T.Baker®	F781	Biotech Reagent	Yes	1 kg	

pH Adjusters (Acid)

Product	Brand	P/N	Grade	cGMP	Available size range*	
Acetic Acid, Glacial	J.T.Baker®	9526	Multicompendial	Yes	2.5 L	15 L
Citric Acid, Anyhydrous	J.T.Baker®	0127	Multicompendial	Yes	2.5 kg	12 kg
Citric Acid, Monohydrate	J.T.Baker®	0115	Multicompendial	Yes	2.5 kg	12 kg
Hydrochloric Acid, 36.5–38.0 %	Macron Fine Chemicals™	2612	NF - FCC - ACS	Yes	2.5 L	47 lb
Nitric Acid	J.T.Baker®	9607	NF	Yes	2.5 L	
Phosphoric Acid	J.T.Baker®	0262	NF - FCC	Yes	4 L	200 L
Sulfuric Acid	J.T.Baker®	9671	Multicompendial	Yes	2.5 L	76 lb

pH Adjusters (Base)

Product	Brand	P/N	Grade	cGMP	Available size range*	
Ammonia Solution, Strong	J.T.Baker®	9736	Multicompendial	Yes	2.5 L	360 lb
Ammonium Hydroxide, 28.0–30.0 %	J.T.Baker®	9721	Baker Analyzed ACS Reagent	No	2.5 L	4 L
Potassium Hydroxide, Pellets	J.T.Baker®	3146	NF - FCC	Yes	2.5 kg	12 kg
Potassium Hydroxide 45 % Solution	J.T.Baker®	3143	Baker Analyzed Reagent	No	4 L	19 L
Sodium Bicarbonate	J.T.Baker®	3510	Multicompendial	Yes	2.5 kg	12 kg
Sodium Carbonate, Anhydrous	J.T.Baker®	3605	NF - FCC	Yes	3 kg	100 lb
Sodium Carbonate, Monohydrate	J.T.Baker®	3603	Multicompendial	Yes	2.5 kg	12 kg
Sodium Hydroxide, Pellets	J.T.Baker®	3728	NF - FCC	Yes	2.5 kg	12 kg
Sodium Hydroxide 25 % Solution	J.T.Baker®	0338	Biotech Reagent	Yes	19 L	200 L
Sodium Hydroxide 50 % Solution	J.T.Baker®	0339	Biotech Reagent	Yes	19 L	200 L

AVANTOR™
PERFORMANCE MATERIALS

Salts

Product	Brand	P/N	Grade	cGMP	Available size range*	
Ammonium Sulfate	J.T.Baker®	0798	NF	Yes	2.5 kg	25 kg
Ammonium Sulfate	J.T.Baker®	0795	FCC - ACS	No	325 lb	
Edetate Disodium	J.T.Baker®	8995	Multicompendial	Yes	12 kg	100 lb
Potassium Phosphate, Monobasic	J.T.Baker®	3248	Multicompendial	Yes	2.5 kg	12 kg
Potassium Phosphate, Dibasic	J.T.Baker®	3250	Multicompendial	Yes	2.5 kg	12 kg
Sodium Acetate, Anhydrous	J.T.Baker®	3473	USP - FCC	Yes	2.5 kg	200 lb
Sodium Acetate, Trihydrate	J.T.Baker®	3461	Multicompendial	Yes	2.5 kg	12 kg
Sodium Chloride	J.T.Baker®	3627	Multicompendial	Yes	2.5 kg	12 kg
Sodium Citrate, Dihydrate	J.T.Baker®	3647	Multicompendial	Yes	2.5 kg	12 kg
Sodium Phosphate, Monobasic, Monohydrate	J.T.Baker®	3820	USP - FCC	Yes	12 kg	
Sodium Phosphate, Dibasic, Anhydrous	J.T.Baker®	3827	USP - FCC	Yes	12 kg	
Sodium Phosphate, Dibasic, Heptahydrate	J.T.Baker®	3803	Multicompendial	Yes	12 kg	
Sodium Phosphate, Dibasic, Dodecylhydrate	J.T.Baker®	3822	Baker Analyzed Reagent	No	12 kg	

Additional sizes may be available. Contact your Avantor™ account manager for more details.

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AVANTOR™ BIOPHARMACEUTICAL PRODUCTS

PURIFICATION

Tris and Biobuffers

Product	Brand	P/N	Grade	cGMP	Available size range*	
Tris Hydrochloride	J.T.Baker®	4106	Biotech Reagent	Yes	2.5 kg	12 kg
Tris Hydrochloride	J.T.Baker®	4103	Ultrapure Bioreagent	No	5 kg	12 kg
Tris Hydrochloride	Macron Fine Chemicals™	H590	GenAR	No	2.5 kg	12 kg
Tromethamine (Tris Base)	J.T.Baker®	4102	Multicompendial	Yes	2.5 kg	12 kg
Tromethamine (Tris Base)	J.T.Baker®	4109	Ultrapure Bioreagent	No	5 kg	12 kg
Tromethamine (Tris Base)	Macron Fine Chemicals™	7732	GenAR	No	10 kg	12 kg
HEPES, Free Acid	J.T.Baker®	4808	Ultrepure Bioreagent	No	5 kg	
HEPES, Free Acid	J.T.Baker®	4809	Ultrapure Bioreagent	No	5 kg	10 kg
MES, Monohydrate Free Acid	J.T.Baker®	4812	Ultrapure Bioreagent	No	5 kg	10 kg
MES, Sodium Salt	J.T.Baker®	4813	Ultrapure Bioreagent	No	5 kg	10 kg
MOPS, Purified	J.T.Baker®	4810	Ultrapure Bioreagent	No	5 kg	10 kg
MOPS, Sodium Salt	J.T.Baker®	4811	Ultrapure Bioreagent	No	5 kg	10 kg

pH Adjusters (Acid)

Product	Brand	P/N	Grade	cGMP	Available size range*	
Acetic Acid, Glacial	J.T.Baker®	9526	Multicompendial	Yes	2.5 L	15 L
Citric Acid, Anyhydrous	J.T.Baker®	0127	Multicompendial	Yes	2.5 kg	12 kg
Citric Acid, Monohydrate	J.T.Baker®	0115	Multicompendial	Yes	2.5 kg	12 kg
Hydrochloric Acid, 36.5–38.0 %	Macron Fine Chemicals™	2612	NF - FCC - ACS	Yes	2.5 L	47 lb
Nitric Acid	J.T.Baker®	9607	NF	Yes	2.5 L	
Phosphoric Acid	J.T.Baker®	0262	NF - FCC	Yes	4 L	200 lb
Sulfuric Acid	J.T.Baker®	9671	Multicompendial	Yes	2.5 L	76 lb

pH Adjusters (Base)

Product	Brand	P/N	Grade	cGMP	Available size range*	
Ammonia Solution, Strong	J.T.Baker®	9736	Multicompendial	Yes	2.5 L	360 lb
Ammonium Hydroxide, 28.0–30.0 %	J.T.Baker®	9721	Baker Analyzed ACS Reagent	No	2.5 L	4 L
Potassium Hydroxide, Pellets	J.T.Baker®	3146	NF - FCC	Yes	2.5 kg	12 kg
Potassium Hydroxide 45 % Solution	J.T.Baker®	3143	Baker Analyzed Reagent	No	4 L	19 L
Sodium Bicarbonate	J.T.Baker®	3510	Multicompendial	Yes	2.5 kg	12 kg
Sodium Carbonate, Anhydrous	J.T.Baker®	3605	NF - FCC	Yes	3 kg	100 lb
Sodium Carbonate, Monohydrate	J.T.Baker®	3603	Multicompendial	Yes	2.5 kg	12 kg
Sodium Hydroxide, Pellets	J.T.Baker®	3728	NF - FCC	Yes	2.5 kg	12 kg
Sodium Hydroxide 25 % Solution	J.T.Baker®	0338	Biotech Reagent	Yes	19 L	200 L
Sodium Hydroxide 50 % Solution	J.T.Baker®	0339	Biotech Reagent	Yes	19 L	200 L

AVANTOR™
PERFORMANCE MATERIALS

Salts

Product	Brand	P/N	Grade	cGMP	Available size range*	
Ammonium Sulfate	J.T.Baker®	0798	NF	Yes	2.5 kg	25 kg
EDTA Disodium	J.T.Baker®	8995	Multicompendial	Yes	12 kg	100LB
Potassium Phosphate, Monobasic	J.T.Baker®	3248	Multicompendial	Yes	2.5 kg	12 kg
Potassium Phosphate, Dibasic	J.T.Baker®	3250	Multicompendial	Yes	2.5 kg	12 kg
Sodium Acetate, Anhydrous	J.T.Baker®	3473	USP - FCC	Yes	2.5 kg	200 lb
Sodium Acetate, Trihydrate	J.T.Baker®	3461	Multicompendial	Yes	2.5 kg	12 kg
Sodium Chloride	J.T.Baker®	3627	Multicompendial	Yes	2.5 kg	12 kg
Sodium Citrate, Dihydrate	J.T.Baker®	3647	Multicompendial	Yes	2.5 kg	12 kg
Sodium Phosphate, Monobasic, Monohydrate	J.T.Baker®	3820	USP - FCC	Yes	12 kg	
Sodium Phosphate, Dibasic, Anhydrous	J.T.Baker®	3827	USP - FCC	Yes	12 kg	
Sodium Phosphate, Dibasic, Heptahydrate	J.T.Baker®	3803	Multicompendial	Yes	12 kg	
Sodium Phosphate, Dibasic, Dodecylhydrate	J.T.Baker®	3822	Baker Analyzed Reagent	No	12 kg	
Sodium Phosphate, Tribasic, Dodecyhydrate	J.T.Baker®	3836	Baker Analyzed ACS Reagent	No	12 kg	

Chromatography Media

Product	Brand	P/N	Grade	cGMP	Available size range*	
PolyPEI	J.T.Baker®	7585	Spherical Polymethacrylate	IEX	35 µm	500 Å
PolyABX	J.T.Baker®	7586	Spherical Polymethacrylate	IEX	35 µm	500 Å
PolyCSX	J.T.Baker®	7587	Spherical Polymethacrylate	IEX	35 µm	500 Å
PolyQUAT	J.T.Baker®	7603	Spherical Polymethacrylate	IEX	35 µm	500 Å
PolyHi-Propyl	J.T.Baker®	7588	Spherical Polymethacrylate	HIC	35 µm	500 Å

Cleaning Reagents

Product	Brand	P/N	Grade	cGMP	Available size range*	
Guanidine Hydrochloride, XTL	Macron Fine Chemicals™	0507	GenAR	Yes	5 kg	12 kg
Guanidine Hydrochloride 6 M Solution	Macron Fine Chemicals™	0563	GenAR	Yes	19 L	200 L
Guanidine Hydrochloride 8 M Solution	Macron Fine Chemicals™	0561	GenAR	Yes	19 L	200 L
Guanidine Thiocyanate	J.T.Baker®	4083	Biotech Reagent	No	5 kg	12 kg
Thiourea	J.T.Baker®	4123	Baker Analyzed ACS Reagent	No	2.5 kg	12 kg
Urea	J.T.Baker®	4203	Multicompendial	Yes	12 kg	50 kg

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Avantor™ Biopharmaceutical Products

Formulation and Fill & Finish

Sugars

Product	Brand	P/N	Grade	cGMP	Available size range*	
Dextrose, Anhydrous	J.T.Baker®	1920	Multicompendial	Yes	2.5 kg	12 kg
Dextrose, Monohydrate	J.T.Baker®	1913	Multicompendial	Yes	2.5 kg	12 kg
Lactose, Monohydrate	J.T.Baker®	2250	Multicompendial	Yes	2.5 kg	12 kg
Mannitol, Powder	J.T.Baker®	2553	Multicompendial	Yes	2.5 kg	12 kg
Sucrose, Crystal	J.T.Baker®	4074	Multicompendial	Yes	2.5 kg	12 kg
Sucrose, Crystal	J.T.Baker®	4072	Baker Analyzed ACS Reagent	No	2.5 kg	12 kg

Surfactants

Product	Brand	P/N	Grade	cGMP	Available size range*	
Polysorbate 20, Crillet 1 HP	J.T.Baker®	4116	NF	Yes	4 L	19 L
Polysorbate 80, Crillet 4 HP	J.T.Baker®	4117	NF	Yes	4 L	19 L
Polysorbate 80, Super Refined	J.T.Baker®	4500	Multicompendial	Yes	1 L	4 L
Sodium Dodecyl Sulfate	J.T.Baker®	4095	Ultrapure Bioreagent	No	2 kg	12 kg

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