

Avantor® biopharmaceutical products for fermentation and cell culture

Product	Brand	Grade	cGMP	Endotoxin Tested	Cat. No.	Sizes*	
Amino Acids							
N-Acetyl-L-Arginine	J.T.Baker®	Technical	No	Yes	2097†	100 g	25 kg
L-Arginine	J.T.Baker®	Multi-Compendial	Yes	Yes	2066	1 kg	50 kg
L-Arginine	Macron Fine Chemicals™	Multi-Compendial	Yes	Yes	4932	1 kg	50 kg
L-Arginine Hydrochloride	J.T.Baker®	Multi-Compendial	Yes	Yes	2067	1 kg	50 kg
L-Arginine Hydrochloride	Macron Fine Chemicals™	Multi-Compendial	Yes	Yes	4930	1 kg	50 kg
L-Asparagine Monohydrate	J.T.Baker®	FCC	No	Yes	2068	1 kg	12 kg
L-Cysteine Hydrochloride Monohydrate	J.T.Baker®	Multi-Compendial	Yes	Yes	2071	100 g	1 kg
L-Cystine	J.T.Baker®	Multi-Compendial	Yes	Yes	2073	1 kg	—
L-Glutamic Acid	J.T.Baker®	Multi-Compendial	Yes	Yes	2077	1 kg	—
L-Glutamine	J.T.Baker®	USP-FCC	Yes	Yes	2078	1 kg	50 kg
Glycine	J.T.Baker®	USP-FCC	Yes	No	0581	500 g	12 kg
L-Histidine	J.T.Baker®	Multi-Compendial	Yes	Yes	2080	100 g	12 kg
L-Histidine	Macron Fine Chemicals™	Multi-Compendial	Yes	Yes	4935	1 kg	50 kg
L-Histidine Monohydrochloride	J.T.Baker®	Multi-Compendial	Yes	Yes	2081	1 kg	50 kg
L-Histidine Monohydrochloride	Macron Fine Chemicals™	Multi-Compendial	Yes	Yes	4942	1 kg	50 kg
L-Isoleucine	J.T.Baker®	Multi-Compendial	Yes	Yes	2082	100 g	12 kg
L-Leucine	J.T.Baker®	Multi-Compendial	Yes	Yes	2083	1 kg	12 kg
L-Lysine Hydrochloride	J.T.Baker®	Multi-Compendial	Yes	Yes	2084	1 kg	50 kg
L-Methionine	J.T.Baker®	Multi-Compendial	Yes	Yes	2085	100 g	12 kg
L-Phenylalanine	J.T.Baker®	Multi-Compendial	Yes	Yes	2086	1 kg	12 kg
L-Proline	J.T.Baker®	Multi-Compendial	Yes	Yes	2087	1 kg	—
L-Proline	J.T.Baker®	Multi-Compendial	Yes	Yes	2096	50 kg	—
L-Serine	J.T.Baker®	Multi-Compendial	Yes	Yes	2088	1 kg	12 kg
L-Threonine	J.T.Baker®	Multi-Compendial	Yes	Yes	2089	1 kg	12 kg
L-Tryptophan	J.T.Baker®	Multi-Compendial	Yes	Yes	2092	1 kg	12 kg
L-Tyrosine	J.T.Baker®	Multi-Compendial	Yes	Yes	2093	1 kg	—
L-Tyrosine Disodium Salt Dihydrate	J.T.Baker®	BAKER ANALYZED™ Reagent	No	Yes	2094	100 g	12 kg
L-Valine	J.T.Baker®	Multi-Compendial	Yes	Yes	2095	100 g	12 kg
L-Valine	Macron Fine Chemicals™	Multi-Compendial	Yes	Yes	4936	1 kg	50 kg
Minerals and Nutrients							
Magnesium Sulfate, Anhydrous	Macron Fine Chemicals™	USP	Yes	No	5053	10 kg	200 lb
Magnesium Sulfate Heptahydrate	Macron Fine Chemicals™	GenAR	Yes	No	5691	100 lb	—
Potassium Iodide	Macron Fine Chemicals™	GenAR	Yes	No	1115	500 g	50 kg
Pyridoxine Hydrochloride	J.T.Baker®	USP-FCC	Yes	No	3343	5 g	100 g
Sodium Chloride	J.T.Baker®	Multi-Compendial	Yes	Yes	3627	500 g	350 lb
Sodium Chloride	J.T.Baker®	Multi-Compendial	Yes	No	3301	500 g	50 kg
Sodium Phosphate Monobasic Monohydrate	J.T.Baker®	USP-FCC	Yes	No	3820	500 g	100 lb
Sodium Phosphate Dibasic, Anhydrous	J.T.Baker®	USP-FCC	Yes	No	3827	500 g	12 kg
Sodium Phosphate Dibasic Dodecahydrate	J.T.Baker®	BAKER ANALYZED™ Reagent	No	No	3822	500 g	12kg
Sodium Phosphate Dibasic Heptahydrate	J.T.Baker®	Multi-Compendial	Yes	Yes	3803	500 g	200 lb
Sodium Phosphate Tribasic Dodecahydrate	J.T.Baker®	BAKER ANALYZED™ ACS Reagent	No	No	3836	500 g	12kg
Zinc Sulfate	Macron Fine Chemicals™	USP-FCC	Yes	No	8872	2.5 kg	100 lb
pH Adjusters (Acid)							
Acetic Acid, Glacial	J.T.Baker®	Multi-Compendial	Yes	No	9526	500 ml	450 lb
Citric Acid, Anhydrous	J.T.Baker®	Multi-Compendial	Yes	No	0127	2.5 kg	12 kg
Citric Acid Monohydrate	J.T.Baker®	Multi-Compendial	Yes	No	0115	500 g	50 kg
Hydrochloric Acid, 36.5–38.0%	Macron Fine Chemicals™	NF-FCC-ACS	Yes	No	2612	500 ml	500 lb
Hydrochloric Acid, 6.0N WFI	J.T.Baker®	Biotech Reagent	Yes	No	0347	1 l	—
Nitric Acid	J.T.Baker®	NF	Yes	No	9607	2.5 l	—
Phosphoric Acid	J.T.Baker®	NF-FCC	Yes	No	0262	4 l	200 lb
Sulfuric Acid	J.T.Baker®	Multi-Compendial	Yes	No	9671	500 ml	400 lb
pH Adjusters (Base)							
Ammonia Solution, Strong	J.T.Baker®	Multi-Compendial	Yes	No	9736	2.5 l	360 lb
Ammonium Hydroxide, 28.0–30.0%	J.T.Baker®	BAKER ANALYZED™ ACS Reagent	No	No	9721	500 ml	4 l
Potassium Hydroxide 45% Solution	J.T.Baker®	BAKER ANALYZED™ Reagent	No	No	3143	500 ml	19 l
Sodium Bicarbonate	J.T.Baker®	Multi-Compendial	Yes	Yes	3510	2.5 kg	100 lb
Sodium Carbonate, Anhydrous	J.T.Baker®	NF-FCC	Yes	No	3605	500 g	100 lb
Sodium Carbonate Monohydrate	J.T.Baker®	Multi-Compendial	Yes	Yes	3603	12 kg	100 lb
Sodium Hydroxide, Pellets	J.T.Baker®	NF-FCC	Yes	No	3728	12 kg	220 lb
Sodium Hydroxide, 1.0N WFI	J.T.Baker®	Biotech Reagent	Yes	Yes	0388	19 l	200 l

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BIOPHARMACEUTICAL PRODUCTS

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Product	Brand	Grade	cGMP	Endotoxin Tested	Cat. No.	Sizes*	
Sodium Hydroxide, 2,0N WFI	J.T.Baker®	Biotech Reagent	Yes	Yes	0389	19 l	—
Sodium Hydroxide, 5,0N WFI	J.T.Baker®	Biotech Reagent	Yes	Yes	0895	19 l	—
Sodium Hydroxide, 10N WFI	J.T.Baker®	Biotech Reagent	Yes	Yes	0312	1 l	19 l
Sodium Hydroxide, 25% Solution	J.T.Baker®	Biotech Reagent	Yes	Yes	2613	2.5 l	16,000 l
Sodium Hydroxide, 25% Solution	J.T.Baker®	Biotech Reagent	Yes	Yes	0338	19 l	200 l
Sodium Hydroxide, 50% Solution	J.T.Baker®	Biotech Reagent	Yes	No	0339	4 l	1135 l
Sodium Hydroxide, 50% WFI	J.T.Baker®	Biotech Reagent	Yes	Yes	0897	19 l	998 l
Protein Expression Inducing Agents							
IPTG	Macron Fine Chemicals™	GenAR	No	No	V263	1 g	1 kg
IPTG	J.T.Baker®	Biotech Reagent	Yes	Yes	V264	10 g	1 kg
Sugars							
Dextrose, Anhydrous	J.T.Baker®	Multi-Compendial	Yes	Yes	1920	2.5 kg	200 lb
Dextrose Monohydrate	J.T.Baker®	Multi-Compendial	Yes	Yes	1913	5 kg	12 kg
Galactose	J.T.Baker®	Multi-Compendial	Yes	Yes	6322	1 kg	12 kg
Lactose Monohydrate	J.T.Baker®	Multi-Compendial	Yes	Yes	2250	2.5 kg	12 kg
Mannitol, Powder	J.T.Baker®	Multi-Compendial	Yes	Yes	2553	500 g	50 kg
Sorbitol	J.T.Baker®	Multi-Compendial	Yes	Yes	3449	5 kg	50 kg
Sucrose, Beet Derived	J.T.Baker®	Multi-Compendial	Yes	Yes	6321	1 kg	12 kg
Sucrose, Cane Derived	J.T.Baker®	Multi-Compendial	Yes	Yes	6320	1 kg	12 kg
Sucrose, Crystal	J.T.Baker®	Multi-Compendial	Yes	Yes	4074	500 g	90 kg
Sucrose, Crystal	J.T.Baker®	BAKER ANALYZED™ ACS Reagent	No	No	4072	500 g	100 lb
Trehalose	J.T.Baker®	Multi-Compendial	Yes	Yes	6324	1 kg	12 kg

*Note: products shown may not be readily available in all regions without prior arrangement. Contact your Avantor account manager to confirm availability.

*Additional sizes may be available. For the latest product information or more details, contact your Avantor account manager.

Avantor® biopharmaceutical products for use in harvest processing steps

Product	Brand	Grade	cGMP	Endotoxin Tested	Cat. No.	Sizes*
Denaturants						
Guanidine Hydrochloride	J.T.Baker®	Biotech Reagent	No	No	4077	12 kg —
Guanidine Hydrochloride	Macron Fine Chemicals™	GenAR	No	No	7716	500 g 12 kg
Guanidine Hydrochloride, XTL	Macron Fine Chemicals™	GenAR	Yes	No	0507	5 kg 50 kg
Guanidine Hydrochloride, 6 M Solution	Macron Fine Chemicals™	GenAR	Yes	No	0563	4 l 200 l
Guanidine Thiocyanate	J.T.Baker®	Biotech Reagent	No	No	4083	500 g 12 kg
Urea	J.T.Baker®	Multi-Compendial	Yes	No	4203	12 kg 50 kg
Urea	J.T.Baker®	USP	Yes	No	4206	500 g 50 kg
Urea	J.T.Baker®	USP	Yes	Yes	4208	50 kg —
Disulfide Reducing Agents						
DTT	J.T.Baker®	Biotech Reagent	Yes	No	F781	1 kg —
pH Adjusters (Acid)						
Acetic Acid, Glacial	J.T.Baker®	Multi-Compendial	Yes	No	9526	500 ml 450 lb
Citric Acid, Anhydrous	J.T.Baker®	Multi-Compendial	Yes	No	0127	2,5 kg 12 kg
Citric Acid Monohydrate	J.T.Baker®	Multi-Compendial	Yes	No	0115	500 g 50 kg
Hydrochloric Acid, 36,5–38,0%	Macron Fine Chemicals™	NF-FCC-ACS	Yes	No	2612	500 ml 500 lb
Nitric Acid	J.T.Baker®	NF	Yes	No	9607	2,5 l —
Phosphoric Acid	J.T.Baker®	NF-FCC	Yes	No	0262	4 l 200 lb
Sulfuric Acid	J.T.Baker®	Multi-Compendial	Yes	No	9671	500 ml 4050 lb
pH Adjusters (Base)						
Ammonia Solution, Strong	J.T.Baker®	Multi-Compendial	Yes	No	9736	2,5 l 360 lb
Ammonium Hydroxide, 28,0–30,0%	J.T.Baker®	BAKER ANALYZED™ ACS Reagent	No	No	9721	500 ml 4 l
Potassium Hydroxide, 45% Solution	J.T.Baker®	BAKER ANALYZED™ Reagent	No	No	3143	500 ml 19 l
Sodium Bicarbonate	J.T.Baker®	Multi-Compendial	Yes	Yes	3510	2,5 kg 100 lb
Sodium Carbonate, Anhydrous	J.T.Baker®	NF-FCC	Yes	No	3605	500 g 100 lb
Sodium Carbonate Monohydrate	J.T.Baker®	Multi-Compendial	Yes	Yes	3603	12 kg 100 lb
Sodium Hydroxide, 1,0N WFI	J.T.Baker®	Biotech Reagent	Yes	Yes	0389	19 l 200 l
Sodium Hydroxide, 2,0N WFI	J.T.Baker®	Biotech Reagent	Yes	Yes	0390	19 l —
Sodium Hydroxide, 5,0N WFI	J.T.Baker®	Biotech Reagent	Yes	Yes	0895	19 l —
Sodium Hydroxide, 10N WFI	J.T.Baker®	Biotech Reagent	Yes	Yes	0312	1 l 19 l
Sodium Hydroxide, 25% Solution	J.T.Baker®	Biotech Reagent	Yes	Yes	0338	19 l 200 l
Sodium Hydroxide, 25% Solution	J.T.Baker®	Biotech Reagent	Yes	Yes	2613*	2,5 l 16,000 l
Sodium Hydroxide, 50% Solution	J.T.Baker®	Biotech Reagent	Yes	No	0339	4 l 1135 l
Sodium Hydroxide, 50% WFI	J.T.Baker®	Biotech Reagent	Yes	Yes	0897	19 l 998 l
Sodium Hydroxide, Pellets	J.T.Baker®	NF-FCC	Yes	No	3728	12 kg 220 lb
Salts						
Ammonium Sulfate	J.T.Baker®	FCC-ACS	No	No	0795	25 kg 325 lb
Ammonium Sulfate	J.T.Baker®	NF	Yes	Yes	0798	500 g 100 kg
Edetate Disodium	J.T.Baker®	Multi-Compendial	Yes	Yes	8995	12 kg 100 lb
Potassium Phosphate Dibasic	J.T.Baker®	Multi-Compendial	Yes	Yes	3250	500 g 100 kg
Potassium Phosphate Monobasic	J.T.Baker®	Multi-Compendial	Yes	Yes	3248	500 g 12 kg
Sodium Acetate, Anhydrous	J.T.Baker®	USP-FCC	Yes	No	3473	2,5 kg 200 lb
Sodium Acetate Trihydrate	J.T.Baker®	Multi-Compendial	Yes	Yes	3461	500 g 275 lb
Sodium Chloride	J.T.Baker®	Multi-Compendial	Yes	Yes	3627	500 g 350 lb
Sodium Chloride	J.T.Baker®	Multi-Compendial	Yes	No	3301	500 g 50 kg
Sodium Citrate Dihydrate	J.T.Baker®	Multi-Compendial	Yes	Yes	3647	500 g 100 lb
Sodium Phosphate Dibasic, Anhydrous	J.T.Baker®	USP-FCC	Yes	No	3827	500 g 12 kg
Sodium Phosphate Dibasic Dodecahydrate	J.T.Baker®	BAKER ANALYZED™ Reagent	No	No	3822	500 g 12 kg
Sodium Phosphate Dibasic Heptahydrate	J.T.Baker®	Multi-Compendial	Yes	Yes	3803	500 g 200 lb
Sodium Phosphate Monobasic Monohydrate	J.T.Baker®	USP-FCC	Yes	No	3820	500 g 100 lb

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