



PurMa Biologics, LLC

Advanced Dulbecco's Modified Eagle's Medium (A-DMEM)

Cat No: P3A210105

Containing PurMa™ GlutaSup (4 mM L-Alanyl-L-Glutamine) (868 mg/L)

Requires 2-5% FBS

Amino Acids	g/liter	Proteins	g/liter
L-Arginine·HCl	0.084	PurMa™ AlbuSup (Albumin)	0.4
L-Alanine	0.0089	Human Transferrin (Holo)	0.0075
L-Asparagine	0.0132	Insulin Recombinant Full Chain	0.010
L-Cystine·2HCl	0.063	Vitamins	g/liter
L-Aspartic acid	0.0133	Choline Chloride	0.004
Glycine	0.0375	Folic Acid	0.004
L-Alanyl-L-Glutamine	0.869	myo-Inositol	0.0072
L-Glutamic Acid	0.0147	Nicotinamide	0.004
L-Histidine·HCl·H ₂ O	0.042	D-Pantothenic Acid	0.004
L-Isoleucine	0.105	Pyridoxine·HCl	0.004
L-Leucine	0.105	Riboflavin	0.0004
L-Lysine·HCl	0.146	Thiamine·HCl	0.004
L-Methionine	0.030	Ascorbic Acid phosphate	0.0025
L-Phenylalanine	0.066	Others	g/liter
L-Serine	0.052	Phenol Red, Sodium Salt	0.015
L-Proline	0.0115	Sodium Pyruvate	0.11
L-Threonine	0.095	D-Glucose	4.5
L-Tryptophan	0.016	Ethanolamine	0.0019
L-Tyrosine·2Na·2H ₂ O	0.104	Reducing Agents	g/liter
L-Valine	0.094	Glutathione, monosodium	0.001
Inorganic Salts	g/liter	Trace Elements	g/liter
CaCl ₂ (anhydrous)	0.2	Ammonium Metavanadate	3X 10 ⁻⁷
Fe(NO ₃) ₃ ·9H ₂ O	0.0001	Cupric Sulfate	1.25X 10 ⁻⁶
MgSO ₄ (anhydrous)	0.0977	Manganous Chloride	5X 10 ⁻⁸
Sodium Bicarbonate	3.7	Sodium Selenite	5X 10 ⁻⁶
NaCl	6.4		
KCl	0.4		
Na ₂ HPO ₄ anhydrous	0.125		

* Chromatographically purified with IgG content ≤0.1.0%.