



PurMa Biologics, LLC

Advanced Leibovitz's L-15 (A-L-15) Medium

Cat No: P3A210613

Containing PurMa™ GlutaSup (2mM L-Alanyl-L-Glutamine) (434 mg/L)

Requires % 2-5 FBS

Standard Formulation

Amino Acids	g/liter	Others	g/liter
L-Alanine	0.225	D+ Galactose	0.900
L-Arginine	0.500	Hypoxanthine Na	0.00239
L-Asparagine	0.250	Linoleic Acid	0.000042
L-Aspartic acid	0.0066	Phenol Red	0.010
L-Cysteine	0.120	Putrescine·2HCl	0.000081
L-Cystine·2HCl	0.031	Sodium Pyruvate	0.550
L-Glutamic Acid	0.00735	Lipoic Acid	0.000105
L-Alanyl-L-Glutamine	0.4460	Thymidine	0.000365
Glycine	0.200	Ethanolamine	0.0019
L-Histidine	0.250	Vitamins	g/liter
L-Isoleucine	0.250	D-Biotin	0.0005
L-Leucine	0.125	Choline Chloride	0.001
L-Lysine	0.075	Folic Acid	0.001
L-Methionine	0.075	myo-Inositol	0.002
L-Phenylalanine	0.125	Niacinamide	0.001
L-Proline	0.017	D-Calcium pantothenate	0.001
L-Serine	0.200	Pyridoxine·HCl	0.001
L-Threonine	0.300	Riboflavin 5'-phosphate Na	0.0001
L-Tryptophan	0.020	Thiamine monophosphate	0.001
L-Tyrosine	0.300	Vitamin B-12	0.00068
L-Valine	0.100	Inorganic	g/liter
Inorganic	g/liter	NaCl	8.0
CaCl ₂ (anhydrous)	0.140	Na ₂ HPO ₄ (anhydrous)	0.190
CuSO ₄ ·5H ₂ O	0.0000013	KH ₂ PO ₄ ·H ₂ O	0.060
Fe (NO ₃) ₃ ·9H ₂ O	0.00005	ZnSO ₄ ·7H ₂ O	0.00086
FeSO ₄ ·7H ₂ O	0.000417	KCl	0.400
MgSO ₄ (anhydrous)	0.09767		
MgCl ₂ (anhydrous)	0.0937		



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*Chromatographically purified with IgG content $\leq 0.1.0\%$.