



PurMa Biologics, LLC

Base Formulation of PurMa™ Chemically Defined McCoy's 5A

Cat#: P3C310724

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

Standard Formulation

Amino Acids	g/L	Vitamins	g/L
Glycine	7.5	Ascorbic Acid	0.0005
L-Alanine	13.9	Biotin	0.0002
L-Arginine hydrochloride	42.1	Choline chloride	0.005
L-Asparagine	45	D-Calcium pantothenate	0.0002
L-Aspartic acid	19.97	Folic Acid	0.01
L-Cysteine	31.5	Niacinamide	0.0005
L-Glutamic Acid	22.1	Nicotinic acid (Niacin)	0.0005
L-Alanyl-L-Glutamine	0.434	Para-Aminobenzoic Acid	0.001
L-Histidine hydrochloride-H ₂ O	20.96	Pyridoxal hydrochloride	0.0005
L-Hydroxyproline	19.7	Pyridoxine hydrochloride	0.0005
L-Isoleucine	39.36	Riboflavin	0.0002
L-Leucine	39.36	Thiamine hydrochloride	0.0002
L-Lysine hydrochloride	36.5	Vitamin B12	0.002
L-Methionine	14.9	I-Inositol	0.036
L-Phenylalanine	16.5	Other Components	g/L
L-Proline	17.3	Bacto-Peptide	0.6
L-Serine	26.3	D-Glucose (Dextrose)	3
L-Threonine	17.9	Glutathione (reduced)	0.0005
L-Tryptophan	3.1	Phenol Red	0.01
L-Tyrosine	18.1		
L-Valine	17.6		
Inorganic Salts	g/L		
CaCl ₂ (anhydrous)	0.1		
MgSO ₄ .7H ₂ O	0.2		
KCl	0.4		
NaHCO ₃	2.2		
NaCl	6.46		
NaH ₂ PO ₄ .H ₂ O	0.58		