



PurMa Biologics, LLC

Roswell Park Memorial Institute Medium (RPMI-1640)

Cat Number: P3S010109

Standard Formulation

Amino Acids	(g/liter)	Vitamins	(g/liter)
Glycine	0.010	D-Biotin	0.0002
L-Glutamine	0.300	Choline Chloride	0.003
L-Arginine	0.2	Folic Acid	0.001
L-Asparagine	0.05	myo-Inositol	0.035
L-Aspartic acid	0.020	Nicotinamide	0.001
L-Cystine. 2HCl	0.065	p-Amino Benzoic Acid	0.001
L-Glutamic Acid	0.020	D-Pantothenic Acid (hemi calcium)	0.00025
L-Histidine	0.015	Pyridoxine· HCl	0.001
L-Hydroxyproline	0.020	Riboflavin	0.0002
L-Isoleucine	0.050	Thiamine· HCl	0.001
L-Leucine	0.050	Vitamin B-12	0.5×10^{-6}
L-Lysine hydrochloride	0.040	others	g/liter
L-Methionine	0.015	D-Glucose	2.0
L-Phenylalanine	0.015	Glutathione (reduced)	0.001
L-Proline	0.020	Phenol Red	0.005
L-Serine	0.030		
L-Threonine	0.020		
L-Tryptophan	0.005		
L-Tyrosine. 2Na. 2H2O	0.029		
L-Valine	0.020		
Inorganic Salts	g/liter		
Ca (NO3)2·4H2O	0.1		
MgSO4 (anhydrous)	0.048		
KCl	0.4		
NaHCO3	2.0		
NaCl	6.0		
Na2HPO4 (anhydrous)	0.8		