



RPMI 1640 (ATCC modification)

Cat. No. CC142-0500

Inorganic Salts (g/liter)	Concentration (g/L)	Vitamins (g/liter)	Concentration (g/L)
Calcium nitrate (Ca(NO ₃) ₂ · 4H ₂ O)	0.1	Biotin	0.0002
Magnesium Sulfate (MgSO ₄) (anhyd.)	0.04884	Choline chloride	0.003
Potassium Chloride (KCl)	0.4	D-Calcium pantothenate	0.00025
Sodium Bicarbonate (NaHCO ₃)	1.5	Folic Acid	0.001
Sodium Chloride (NaCl)	6	Niacinamide	0.001
Sodium Phosphate dibasic (Na ₂ HPO ₄) anhydrous	0.8	Para-Aminobenzoic Acid	0.001
		Pyridoxine hydrochloride	0.001
		Riboflavin	0.0002
		Thiamine hydrochloride	0.001
		Vitamin B12	0.000005
		i-Inositol	0.035
Amino Acids (g/liter)	Concentration (g/L)	Other (g/liter)	Concentration (g/L)
Glycine	0.01	D-Glucose (Dextrose)	4.5
L-Arginine	0.2	Glutathione (reduced)	0.001
L-Asparagine	0.05	HEPES	2.383
L-Aspartic acid	0.02	Phenol Red	0.005
L-Cystine 2HCl	0.065	Sodium Pyruvate	0.11
L-Glutamic Acid	0.02		
L-Glutamine	0.3		
L-Histidine	0.015		
L-Hydroxyproline	0.02		
L-Isoleucine	0.05		
L-Leucine	0.05		
L-Lysine hydrochloride	0.04		
L-Methionine	0.015		
L-Phenylalanine	0.015		
L-Proline	0.02		
L-Serine	0.03		
L-Threonine	0.02		
L-Tryptophan	0.005		
L-Tyrosine disodium salt dihydrate	0.029		
L-Valine	0.02		