

## Formulation for RPMI-1640 Medium ATCC® 30-2001

<b>Inorganic Salts</b>	<b>(g/liter)</b>	<b>Vitamins</b>	<b>(g/liter)</b>
Ca(NO <sub>3</sub> ) <sub>2</sub> ·4H <sub>2</sub> O	0.10000	D-Biotin	0.00020
MgSO <sub>4</sub> (anhydrous)	0.04884	Choline Chloride	0.00300
KCl	0.40000	Folic Acid	0.00100
NaHCO <sub>3</sub>	1.50000	myo-Inositol	0.03500
NaCl	6.00000	Nicotinamide	0.00100
Na <sub>2</sub> HPO <sub>4</sub> (anhydrous)	0.80000	p-Amino Benzoic Acid	0.00100
		D-Pantothenic Acid	0.00025
		Pyridoxine·HCl	0.00100
		Riboflavin	0.00020
		Thiamine·HCl	0.00100
		Vitamin B-12	0.000005
<b>Amino Acids</b>	<b>(g/liter)</b>	<b>Other</b>	<b>(g/liter)</b>
L-Arginine (free base)	0.20000	D-Glucose	4.50000
L-Asparagine·H <sub>2</sub> O	0.05682	Glutathione (reduced)	0.00100
L-Aspartic Acid	0.02000	HEPES	2.38300
L-Cystine·2HCl	0.06520	Phenol Red, Sodium Salt	0.00500
L-Glutamic Acid	0.02000	Sodium Pyruvate	0.11000
L-Glutamine	0.30000		
Glycine	0.01000		
L-Histidine (free base)	0.01500		
Hydroxy-L-Proline	0.02000		
L-Isoleucine	0.05000		
L-Leucine	0.05000		
L-Lysine·HCl	0.04000		
L-Methionine	0.01500		
L-Phenylalanine	0.01500		
L-Proline	0.02000		
L-Serine	0.03000		
L-Threonine	0.02000		
L-Tryptophan	0.00500		
L-Tyrosine·2Na·2H <sub>2</sub> O	0.02883		
L-Valine	0.02000		