



# Formulation for RPMI without Phenol Red Without L-Glutamine ATCC® 30-2602

## Inorganic Salts (g/liter)

Ca(NO <sub>3</sub> ) <sub>2</sub> ·4H <sub>2</sub> O	0.10000
MgSO <sub>4</sub> (anhydrous)	0.04880
KCl	0.40000
NaHCO <sub>3</sub>	1.50000
NaCl	6.00000
Na <sub>2</sub> HPO <sub>4</sub> (anhydrous)	0.80070

## Amino Acids (g/liter)

L-Arginine (free base)	0.20000
L-Asparagine·H <sub>2</sub> O	0.05682
L-Aspartic Acid	0.02000
L-Cystine·2HCl	0.06520
L-Glutamic Acid	0.02000
L-Glutamine	-
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

## Vitamins (g/liter)

D-Biotin	0.00020
Choline Chloride	0.00300
Folic Acid	0.00100
myo-Inositol	0.03500
Nicotinamide	0.00100
p-Amino Benzoic Acid	0.00100
D-Pantothenic Acid (hemicalcium)	0.00025
Pyridoxine·HCl	0.00100
Riboflavin	0.00020
Thiamine·HCl	0.00100
Vitamin B-12	0.000005

## Other (g/liter)

D-Glucose	4.50000
Glutathione (reduced)	0.00100
HEPES	2.38300
Sodium pyruvate	0.11000
Phenol Red	-