Formulation for RPMI-1640 Medium
ATCC® 30-2001

Inorganic Salts (g/liter)

$Ca(NO_3)_2 \cdot 4H_2O$	0.10000
$MgSO_4$ (anhydrous)	0.04884
KCl	0.40000
$NaHCO_3$	1.50000
NaCl	6.00000
Na_2HPO_4 (anhydrous)	0.80000

Amino Acids (g/liter)

L-Arginine (free base)	0.20000
L-Asparagine·H_2O	0.05682
L-Aspartic Acid	0.02000
L-Cystine·2HCl	0.06520
L-Glutamic Acid	0.02000
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_2O	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
Phenol Red, Sodium Salt	0.00500
Sodium Pyruvate	0.11000

ATCC (American Type Culture Collection)
P.O. Box 1549
Manassas, VA 20108 USA
www.atcc.org

800-638-6597 or 703-365-2700
Fax: 703-365-2750
E-mail: tech@atcc.org
Or contact your local distributor