

Media formulations	RPMI1640	RPMI 1640
	130-091-440	with stable glutamine 130-091-439
Components	g/L	g/L
Inorganic salts		
Ca(NO ₃) ₂ ·4H ₂ O	0.1	0.1
KCl	0.4	0.4
MgSO ₄ ·7H ₂ O	0.1	0.1
NaCl	6.0	6.0
NaHCO ₃	2.0	2.0
Na ₂ HPO ₄ ·7H ₂ O	1.512	1.512
Other components		
Glucose	2.0	2.0
Glutathione reduced	0.001	0.001
Phenol red Na	0.0053	0.0053
Amino acids		
L-Arginine	0.2	0.2
L-Asparagine	0.05	0.05
L-Aspartic Acid	0.02	0.02
L-Cystine	0.05	0.05
L-Glutamin Acid	0.02	0.02
L-Alanyl-L-Glutamine	--	0.446
Glycine	0.01	0.01
L-Histidine	0.015	0.015
L-Hydroxyproline	0.02	0.02
L-Isoleucine	0.05	0.05
L-Leucine	0.05	0.05
L-Lysine.HCL	0.04	0.04
L-Methionine	0.015	0.015
L-Phenylalanine	0.015	0.015
L-Proline	0.02	0.02
L-Serine	0.03	0.03
L-Threonine	0.02	0.02
L-Tryptophan	0.005	0.005
L-Tyrosine	0.02	0.02
L-Valine	0.02	0.02
Vitamins		
p-Aminobenzoic Acid	0.001	0.001
Biotin	0.0002	0.0002
D(+)-Ca-Pantothenate	0.00025	0.00025
Choline Chloride	0.003	0.003
Folic acid	0.001	0.001
myo-Inositol	0.035	0.035
Nicotinamide	0.001	0.001
Pyridoxine.HCl	0.001	0.001
Riboflavin	0.0002	0.0002
Thiamine.HCl	0.001	0.001
Vitamin B12	0.000005	0.000005

Reference:

1. Moore et al. (1967) JAMA 199: 519-524.
2. Moore et al. (1976) Tissue Culture Association Manual 3: 503-508.