

Product Information

RPMI 1640, with L-Glutamine
Cat. No. RPMI-A (500 ml)

Product Specifications

Appearance	Clear red orange solution
CO ₂ concentration, optimum	4.5 %
Storage and shelf life	Store at +2°C to +8°C protected from light. Once opened, store at 4° C and use within 6-8 weeks.
Shipping conditions	Ambient

Formulation

Components	Concentration mg/L
Amino Acids:	
Glycine	10.00
L-Arginine	200.00
L-Asparagine H ₂ O	56.82
L-Aspartic Acid	20.00
L-Cystine 2HCl	65.20
L-Glutamic Acid	20.00
L-Glutamine	300.00
L-Histidine HCl H ₂ O	20.27
L-Hydroxy-L-Proline	20.00
L-Isoleucine	50.00
L-Leucine	50.00
L-Lysine HCl	40.00
L-Methionine	15.00
L-Phenylalanine	15.00
L-Proline	20.00
L-Serine	30.00
L-Threonine	20.00
L-Tryptophan	5.00
L-Tyrosine 2Na 2H ₂ O	28.83
L-Valine	20.00

Components	Concentration mg/L
Vitamins:	
p-Amino Benzoic Acid	1.00
D-Biotin	0.20
Choline Chloride	3.00
D-Calcium Pantothenate	0.25
Folic Acid	1.00
myo-Inositol	35.00
Nicotinamide	1.00
Pyridoxine HCl	1.00
Riboflavin	0.20
Thiamine HCl	1.00
Vitamin B12	0.005
Inorganic Salts:	
Ca(NO ₃) ₂ 4 H ₂ O	100.00
KCl	400.00
MgSO ₄ 7H ₂ O	100.00
NaCl	6000.00
NaHCO ₃	2000.00
Na ₂ HPO ₄	800.00
Other Components:	
D-Glucose	2000.00
L-Glutathione Reduced	1.00
Phenol Red Sodium Salt	5.30

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Precautions and Disclaimer

This product is for research and further manufacturing use only.

Help Needed?

If you have any further questions regarding this product, please do not hesitate to contact our cell culture experts by email (techservice@capricorn-scientific.com) or phone (+49 6424 944640).