

## Product Information

RPMI 1640, with L-Glutamine

Cat. No.: RPMI-A (500 ml)

### General Information

Appearance	Clear red orange solution
CO <sub>2</sub> concentration, optimum	4.5 %
Storage and shelf life	Store at +2°C – +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	Vitamins	
<b>Amino Acids</b>		p-Amino Benzoic Acid	1.00
Glycine	10.00	D-Biotin	0.20
L-Arginine	200.00	Choline Chloride	3.00
L-Asparagine	50.00	D-Calcium Pantothenate	0.25
L-Aspartic Acid	20.00	Folic Acid	1.00
L-Cystine 2HCl	65.20	myo-Inositol	35.00
L-Glutamic Acid	20.00	Nicotinamide	1.00
L-Glutamine	300.00	Pyridoxine HCl	1.00
L-Histidine	15.00	Riboflavin	0.20
L-Hydroxy-L-Proline	20.00	Thiamine HCl	1.00
L-Isoleucine	50.00	Vitamin B <sub>12</sub>	0.005
L-Leucine	50.00	<b>Inorganic Salts</b>	
L-Lysine HCl	40.00	Ca(NO <sub>3</sub> ) <sub>2</sub> · 4 H <sub>2</sub> O	100.00
L-Methionine	15.00	KCl	400.00
L-Phenylalanine	15.00	MgSO <sub>4</sub>	48.84
L-Proline	20.00	NaCl	6000.00
L-Serine	30.00	NaHCO <sub>3</sub>	2000.00
L-Threonine	20.00	Na <sub>2</sub> HPO <sub>4</sub>	800.00
L-Tryptophan	5.00	<b>Other Components</b>	
L-Tyrosine	21.84	D-Glucose	2000.00
L-Valine	20.00	L-Glutathione Reduced	1.00
		Phenol Red Sodium Salt	5.30

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### Precautions and Disclaimer

This product is for research 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](mailto:techservice@capricorn-scientific.com)) or phone (+49 6424 944640).