

Product Specification Sheet



Product Code : CUL-1500

Identifier : RPMI 1640 with L-Gln and Phenol Red

Grade : Cell Culture Media

Appearance : Clear liquid

Molecular Formula : Not Applicable

Molecular Weight : Not Applicable

Product Description : Refer to next page for complete formulation. Sterilized by 0.2µm membrane filtration.

Storage Condition : Store between 2°C - 8°C, away from light.

<u>Assay:</u>	<u>Specification:</u>
Appearance	Clear liquid
pH (neat, 25°C)	7.00 - 7.50
Endotoxin activity	< 0.25 EU/ml
Microbial Activity Test (5 days)	PASS
Osmolality, (mOsm/kg)	260 - 300

Axil Scientific Pte Ltd

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Components	Concentration (mg/L)
Amino Acids:	
L-Arginine	200
L-Asparagine	50
L-Aspartic Acid	20
L-Cystine · 2HCl	65
Glycine	10
L-Glutamic Acid	20
L-Glutamine	300
L-Histidine	15
L-Hydroxyproline	20
L-Isoleucine	50
L-Leucine	50
L-Lysine	40
L-Methionine	15
L-Phenylalanine	15
L-Proline	20
L-Serine	30
L-Threonine	20
L-Tryptophan	5
L-Tyrosine · 2Na	29
L-Valine	20
Vitamins:	
D-Biotin	0.2
Choline Chloride	3
D-Pantothenic Acid Calcium Salt	0.25
Folic Acid	1
Niacinamide	1
Para-Aminobenzoic Acid	1
Pyridoxine HCl	1
Riboflavin	0.2
Thiamine HCl	1
Vitamin B12	0.005
I - Inositol	35
Inorganic Salts:	
Calcium Nitrate 4H ₂ O	100
Magnesium Sulfate	48.84
Potassium Chloride	400
Sodium Bicarbonate	2000
Sodium Chloride	6000
Sodium Phosphate Dibasic	800
Others:	
D-Glucose	2000

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Phenol Red	5
Glutathione	1

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