



# EuroClone®

serving science through innovation

## Composition of RPMI 1640 w/ stable L-Glutamine w/ Phenol Red

Code: ECM2001L

### Amino acids :

Glycine	10 mg/l
L- Alanyl-L-Glutamine	446 mg/l
L-Arginine Free Base	200 mg/l
L-Asparagine anhydrous	50 mg/l
L-Aspartic acid	20 mg/l
L-Cystine x 2HCl	65.20 mg/l
L-Glutamic acid	20 mg/l
L-Histidine	15 mg/l
L-Hydroxy-L-proline	20 mg/l
L-Isoleucine	50 mg/l
L-Leucine	50 mg/l
L-Lysine x HCl	40 mg/l
L-Methionine	15 mg/l
L-Phenylalanine	15 mg/l
L-Proline	20 mg/l
L-Serine	30 mg/l
L-Threonine	20 mg/l
L-Tryptophan	5 mg/l
L-Tyrosine + 2Na + 2H <sub>2</sub> O	28.83 mg/l
L-Valine	20 mg/l

### Inorganic salt :

Calcium Nitrate Tetrahydrate	100 mg/l
Sodium phosphate dibasic anhydrous	800 mg/l
Magnesium sulfate anhydrous	48.84 mg/l
Potassium chloride	400 mg/l
Sodium chloride	6000 mg/l
Sodium bicarbonate	2000 mg/l

### Vitamins :

Choline chloride	3 mg/l
D-Biotin	0.20 mg/l
D-Ca pantothenate (Vitamin B5)	0.25 mg/l
Folic acid	1 mg/l
Myo-inositol	35 mg/l
Nicotinamide	1 mg/l
P-Aminobenzoic acid	1 mg/l
Pyridoxine x HCl	1 mg/l
Riboflavin	0.20 mg/l
Thiamine x HCl	1 mg/l
Vitamine B12	0.005 mg/l

### Other components :

D-Glucose	2000 mg/l
L-Glutathione reduced	1 mg/l
Phenol red	5.30 mg/l

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