



Media Formulation

McCoy's 5A

Cat. No.: CC120-0500

Components	Concentration (mg/L)
Amino Acids	
Glycine	7.5
L-Alanine	13.9
L-Arginine hydrochloride	42.1
L-Asparagine	45.0
L-Aspartic acid	19.97
L-Cysteine	31.5
L-Glutamic Acid	22.1
L-Glutamine	219.2
L-Histidine hydrochloride-H ₂ O	20.96
L-Hydroxyproline	19.7
L-Isoleucine	39.36
L-Leucine	39.36
L-Lysine hydrochloride	36.5
L-Methionine	14.9
L-Phenylalanine	16.5
L-Proline	17.3
L-Serine	26.3
L-Threonine	17.9
L-Tryptophan	3.1
L-Tyrosine	18.1
L-Valine	17.6
Vitamins	
Ascorbic Acid	0.5
Biotin	0.2

Components	Concentration (mg/L)
Choline chloride	5.0
D-Calcium pantothenate	0.2
Folic Acid	10.0
Niacinamide	0.5
Nicotinic acid (Niacin)	0.5
Para-Aminobenzoic Acid	1.0
Pyridoxal hydrochloride	0.5
Pyridoxine hydrochloride	0.5
Riboflavin	0.2
Thiamine hydrochloride	0.2
Vitamin B12	2.0
i-Inositol	36.0
Inorganic Salts	
Calcium Chloride (CaCl ₂)(anhyd.)	100.0
Magnesium Sulfate (MgSO ₄ ·7H ₂ O)	200.0
Potassium Chloride (KCl)	400.0
Sodium Bicarbonate (NaHCO ₃)	2200.0
Sodium Chloride (NaCl)	6460.0
Sodium Phosphate monobasic (NaH ₂ PO ₄ ·H ₂ O)	580.0
Other Components	
Bacto-Peptone	600.0
D-Glucose (Dextrose)	3000.0
Glutathione (reduced)	0.5
Phenol Red	10.0