

Cat# 25-518



McCoy's 5A

Iwakata & Grace Modification with L-glutamine. Store at 2° to 8°C.

Components	mg/L
Biotin (C ₁₀ H ₁₆ N ₂ O ₃ S)	0.2000
Calcium Chloride, Dihydrate (CaCl ₂ · 2H ₂ O)	132.5000
Choline Chloride (C ₅ H ₁₄ ONCl)	5.0000
D-Calcium Pantothenate (C ₁₈ H ₃₂ CaN ₂ O ₁₀)	0.2000
D-Glucose, Anhydrous (C ₆ H ₁₂ O ₆)	3000.0000
Folic Acid (C ₁₉ H ₁₉ N ₇ O ₆)	10.0000
Glutathione, Reduced (C ₁₀ H ₁₇ N ₃ O ₆ S)	0.5000
Glycine (C ₂ H ₅ NO ₂)	7.5100
L-Alanine (C ₃ H ₇ NO ₂)	13.3600
L-Arginine, Hydrochloride (C ₆ H ₁₄ N ₄ O ₂ · HCl)	42.1400
L-Ascorbic Acid (C ₆ H ₈ O ₆)	0.5000
L-Asparagine, Monohydrate (C ₄ H ₈ N ₂ O ₃ · H ₂ O)	45.0300
L-Aspartic Acid (C ₄ H ₇ NO ₄)	19.9700
L-Cysteine, Hydrochloride, Monohydrate (C ₃ H ₇ NO ₂ · HCl · H ₂ O)	35.1400
L-Glutamic Acid (C ₅ H ₉ NO ₄)	20.9600
L-Glutamine (C ₅ H ₁₀ N ₂ O ₃)	219.2000
L-Histidine, Hydrochloride, Monohydrate (C ₆ H ₉ N ₃ O ₂ · HCl · H ₂ O)	20.9600
L-Hydroxyproline (C ₅ H ₉ NO ₃)	19.6700
L-Isoleucine (C ₆ H ₁₃ NO ₂)	39.3600
L-Leucine (C ₆ H ₁₃ NO ₂)	39.3600
L-Lysine, Hydrochloride (C ₆ H ₁₄ N ₂ O ₂ · HCl)	36.5400
L-Methionine (C ₅ H ₁₁ NO ₂ S)	14.9200
L-Phenylalanine (C ₉ H ₁₁ NO ₂)	16.5200

L-Proline (C ₅ H ₉ NO ₂)	17.2700
L-Serine (C ₃ H ₇ NO ₃)	26.2800
L-Threonine (C ₄ H ₉ NO ₃)	17.8700
L-Tryptophan (C ₁₁ H ₁₂ N ₂ O ₂)	3.0600
L-Tyrosine, Disodium, Dihydrate (C ₉ H ₉ NO ₃ Na ₂ ·2H ₂ O)	26.1200
L-Valine (C ₅ H ₁₁ NO ₂)	17.5700
Magnesium Sulfate, Anhydrous (MgSO ₄)	97.6800
Meat Peptone	600.0000
Myo-Inositol (C ₆ H ₁₂ O ₆)	36.0000
Niacinamide (C ₆ H ₆ N ₂ O)	0.5000
Nicotinic Acid (C ₆ H ₅ NO ₂)	0.5000
Phenol Red, Sodium Salt (C ₁₉ H ₁₃ NaO ₅ S)	10.0000
Potassium Chloride (KCl)	400.0000
Pyridoxal, Hydrochloride (C ₈ H ₉ NO ₃ · HCl)	0.5000
Pyridoxine, Hydrochloride (C ₈ H ₁₁ NO ₃ · HCl)	0.5000
Riboflavin (C ₁₇ H ₂₀ N ₄ O ₆)	0.2000
Sodium Bicarbonate (NaHCO ₃)	2200.0000
Sodium Chloride (NaCl)	6460.0000
Sodium Phosphate, Monobasic, Monohydrate (NaH ₂ PO ₄ · H ₂ O)	580.0000
Thiamine, Hydrochloride (C ₁₂ H ₁₇ ClN ₄ OS · HCl)	0.2000
Vitamin B12 (C ₆₃ H ₈₈ CoN ₁₄ O ₁₄ P)	2.0000
γ-Aminobenzoic Acid (C ₇ H ₇ NO ₂)	1.0000