

Cat# 25-506H



RPMI 1640

With L-glutamine and 25 mM HEPES buffer. Store at 2° to 8°C.

| Components | mg/L |
|---|-----------|
| Biotin (C ₁₀ H ₁₆ N ₂ O ₃ S) | 0.2000 |
| Calcium Nitrate, Tetrahydrate (Ca(NO ₃) ₂ · 4H ₂ O) | 100.0000 |
| Choline Chloride (C ₅ H ₁₄ ONCl) | 3.0000 |
| D-Calcium Pantothenate (C ₁₅ H ₃₂ CaN ₂ O ₁₀) | 0.2500 |
| D-Glucose, Anhydrous (C ₆ H ₁₂ O ₆) | 2000.0000 |
| Folic Acid (C ₁₉ H ₁₉ N ₇ O ₆) | 1.0000 |
| Glutathione, Reduced (C ₁₀ H ₁₇ N ₃ O ₆ S) | 1.0000 |
| Glycine (C ₂ H ₃ NO ₂) | 10.0000 |
| HEPES (C ₈ H ₁₉ N ₂ O ₄ S) | 5958.0000 |
| L-Arginine, Hydrochloride (C ₆ H ₁₄ N ₄ O ₂ · HCl) | 242.3100 |
| L-Asparagine, Anhydrous (C ₄ H ₈ N ₂ O ₃) | 50.0000 |
| L-Aspartic Acid (C ₄ H ₇ NO ₄) | 20.0000 |
| L-Cystine, Dihydrochloride (C ₆ H ₁₂ N ₂ O ₄ S ₂ · 2HCl) | 65.0000 |
| L-Glutamic Acid (C ₅ H ₉ NO ₄) | 20.0000 |
| L-Glutamine (C ₅ H ₁₀ N ₂ O ₃) | 300.0000 |
| L-Histidine, Anhydrous (C ₆ H ₉ N ₃ O ₂) | 15.0000 |
| L-Hydroxyproline (C ₅ H ₉ NO ₃) | 20.0000 |
| L-Isoleucine (C ₉ H ₁₇ NO ₂) | 50.0000 |
| L-Leucine (C ₆ H ₁₃ NO ₂) | 50.0000 |
| L-Lysine, Hydrochloride (C ₆ H ₁₄ N ₂ O ₂ · HCl) | 40.0000 |
| L-Methionine (C ₃ H ₁₁ NO ₂ S) | 15.0000 |
| L-Phenylalanine (C ₉ H ₁₁ NO ₂) | 15.0000 |
| L-Proline (C ₅ H ₉ NO ₂) | 20.0000 |
| L-Serine (C ₃ H ₇ NO ₃) | 30.0000 |
| L-Threonine (C ₄ H ₉ NO ₃) | 20.0000 |

| | |
|--|-----------|
| L-Tryptophan (C ₁₁ H ₁₂ N ₂ O ₂) | 5.0000 |
| L-Tyrosine, Disodium, Dihydrate (C ₉ H ₉ NO ₃ Na ₂ ·2H ₂ O) | 29.0000 |
| L-Valine (C ₅ H ₁₁ NO ₂) | 20.0000 |
| Magnesium Sulfate, Anhydrous (MgSO ₄) | 48.8400 |
| Myo-Inositol (C ₆ H ₁₂ O ₆) | 35.0000 |
| Niacinamide (C ₆ H ₉ N ₂ O) | 1.0000 |
| Phenol Red, Sodium Salt (C ₁₉ H ₁₃ NaO ₅ S) | 5.0000 |
| Potassium Chloride (KCl) | 400.0000 |
| Pyridoxine, Hydrochloride (C ₈ H ₁₁ NO ₃ · HCl) | 1.0000 |
| Riboflavin (C ₁₇ H ₂₀ N ₄ O ₆) | 0.2000 |
| Sodium Bicarbonate (NaHCO ₃) | 2000.0000 |
| Sodium Chloride (NaCl) | 5850.0000 |
| Sodium Phosphate Dibasic, Anhydrous (Na ₂ HPO ₄) | 800.0000 |
| Thiamine, Hydrochloride (C ₁₂ H ₁₇ ClN ₄ OS · HCl) | 1.0000 |
| Vitamin B12 (C ₆₃ H ₈₈ CoN ₁₄ O ₁₄ P) | 0.0050 |
| l*-Aminobenzoic Acid (C ₇ H ₇ NO ₂) | 1.0000 |