

Neuronal Basal Medium

Product Number NMP04-50LT

Without L-Arginine, L-Glutamine, L-Lysine, Phenol Red and Sodium Bicarbonate. Store at 2° to 8°C.

Components	mg/L
Calcium Chloride, Anhydrous (CaCl ₂)	200.0000
Choline Chloride (C ₅ H ₁₄ ONCl)	4.0000
D-Calcium Pantothenate (C ₁₈ H ₃₂ CaN ₂ O ₁₀)	4.0000
D-Glucose, Anhydrous (C ₆ H ₁₂ O ₆)	4500.0000
Ferric Nitrate, Nonahydrate (Fe(NO ₃) ₃ ·9H ₂ O)	0.1000
Folic Acid (C ₁₉ H ₁₉ N ₇ O ₆)	4.0020
Glycine (C ₂ H ₅ NO ₂)	30.0000
HEPES (C ₈ H ₁₈ N ₂ O ₄ S)	2600.0000
L-Alanine (C ₃ H ₇ NO ₂)	2.0000
L-Asparagine, Monohydrate (C ₄ H ₈ N ₂ O ₃ · H ₂ O)	0.8300
L-Cysteine, Hydrochloride, Monohydrate (C ₃ H ₇ NO ₂ · HCl · H ₂ O)	45.6600
L-Histidine, Hydrochloride, Monohydrate (C ₆ H ₉ N ₃ O ₂ · HCl · H ₂ O)	42.0000
L-Isoleucine (C ₆ H ₁₃ NO ₂)	105.0000
L-Leucine (C ₆ H ₁₃ NO ₂)	105.0000
L-Methionine (C ₅ H ₁₁ NO ₂ S)	30.0000
L-Phenylalanine (C ₉ H ₁₁ NO ₂)	66.0000
L-Proline (C ₅ H ₉ NO ₂)	7.7600
L-Serine (C ₃ H ₇ NO ₃)	42.0000
L-Threonine (C ₄ H ₉ NO ₃)	95.0000
L-Tryptophan (C ₁₁ H ₁₂ N ₂ O ₂)	16.0000
L-Tyrosine, Disodium, Dihydrate (C ₉ H ₉ NO ₃ Na ₂ ·2H ₂ O)	103.7900
L-Valine (C ₅ H ₁₁ NO ₂)	94.0000

Magnesium Chloride, Anhydrous (MgCl ₂)	77.3000
Myo-Inositol (C ₆ H ₁₂ O ₆)	7.2000
Niacinamide (C ₆ H ₆ N ₂ O)	4.0000
Potassium Chloride (KCl)	400.0000
Pyridoxal, Hydrochloride (C ₈ H ₉ NO ₃ · HCl)	4.0000
Pyruvic Acid, Sodium Salt (C ₃ H ₃ NaO ₃)	25.0000
Riboflavin (C ₁₇ H ₂₀ N ₄ O ₆)	0.4002
Sodium Chloride (NaCl)	3000.0000
Sodium Phosphate, Monobasic, Monohydrate (NaH ₂ PO ₄ · H ₂ O)	125.0000
Thiamine, Hydrochloride (C ₁₂ H ₁₇ ClN ₄ OS · HCl)	4.0000
Vitamin B12 (C ₆₃ H ₈₈ CoN ₁₄ O ₁₄ P)	0.0068
Zinc Sulfate, Heptahydrate (ZnSO ₄ · 7H ₂ O)	0.1940