

Cat# 25-515



Schneider's Insect Medium

With L-Glutamine. Store at 2° to 8°C.

Components	mg/L
Calcium Chloride, Anhydrous (CaCl ₂)	600.0000
D-Glucose, Anhydrous (C ₆ H ₁₂ O ₆)	2000.0000
Fumaric Acid (C ₄ H ₄ O ₄)	60.0000
Glycine (C ₂ H ₅ NO ₂)	250.0000
L-Arginine (C ₆ H ₁₄ N ₄ O ₂)	600.0000
L-Aspartic Acid (C ₄ H ₇ NO ₄)	400.0000
L-Cysteine, Hydrochloride, Monohydrate (C ₃ H ₇ NO ₂ . HCl . H ₂ O)	87.0550
L-Cystine, Dihydrochloride (C ₈ H ₁₂ N ₂ O ₄ S ₂ . 2HCl)	26.7320
L-Glutamic Acid (C ₅ H ₉ NO ₄)	800.0000
L-Glutamine (C ₅ H ₁₀ N ₂ O ₃)	1800.0000
L-Histidine, Anhydrous (C ₆ H ₉ N ₃ O ₂)	400.0000
L-Isoleucine (C ₆ H ₁₃ NO ₂)	150.0000
L-Leucine (C ₆ H ₁₃ NO ₂)	150.0000
L-Lysine, Hydrochloride (C ₆ H ₁₄ N ₂ O ₂ . HCl)	2061.5120
L-Malic Acid (C ₄ H ₆ O ₅)	600.0000
L-Methionine (C ₅ H ₁₁ NO ₂ S)	150.0000
L-Proline (C ₅ H ₉ NO ₂)	1700.0000
L-Serine (C ₃ H ₇ NO ₃)	250.0000
L-Threonine (C ₄ H ₉ NO ₃)	350.0000
L-Tryptophan (C ₁₁ H ₁₂ N ₂ O ₂)	100.0000
L-Tyrosine, Disodium, Dihydrate (C ₉ H ₉ NO ₃ Na ₂ .2H ₂ O)	720.1990
L-Valine (C ₅ H ₁₁ NO ₂)	300.0000
Magnesium Sulfate, Anhydrous (MgSO ₄)	1807.2209

Potassium Chloride (KCl)	1600.0000
Potassium Phosphate, Monobasic, Anhydrous (KH ₂ PO ₄)	450.0000
Sodium Chloride (NaCl)	2100.0000
Sodium Phosphate Dibasic, Anhydrous (Na ₂ HPO ₄)	700.0000
Succinic Acid (C ₄ H ₆ O ₄)	60.0000
Trehalose (C ₁₂ H ₂₂ O ₁₁)	2000.0000
Yeast Extract	1998.0000
α-Ketoglutaric Acid (C ₅ H ₆ O ₅)	350.0000
β-Alanine (C ₃ H ₇ NO ₂)	500.0000