

Supplemented Grace's / Hink's TNM-FH Insect Medium

Product Number GIL02-500ML

Supplemented Grace's Medium (Hink's TNM-FH) with 3,330 mg/L yeastolate, 3,330 mg/L lactalbumin hydrolysate and L-Glutamine. Store at 2° to 8°C.

Components	mg/L
Biotin (C ₁₀ H ₁₆ N ₂ O ₃ S)	0.0100
Calcium Chloride, Anhydrous (CaCl ₂)	500.0000
Choline Chloride (C ₅ H ₁₄ ONCl)	0.2000
D-Calcium Pantothenate (C ₁₈ H ₃₂ CaN ₂ O ₁₀)	0.0200
D-Fructose (C ₆ H ₁₂ O ₆)	400.0000
D-Glucose, Anhydrous (C ₆ H ₁₂ O ₆)	700.0000
Folic Acid (C ₁₉ H ₁₉ N ₇ O ₆)	0.0200
Fumaric Acid (C ₄ H ₄ O ₄)	55.0000
Glycine (C ₂ H ₅ NO ₂)	650.0000
L-Alanine (C ₃ H ₇ NO ₂)	225.0000
L-Arginine, Hydrochloride (C ₆ H ₁₄ N ₄ O ₂ . HCl)	700.0000
L-Asparagine, Anhydrous (C ₄ H ₈ N ₂ O ₃)	350.0000
L-Aspartic Acid (C ₄ H ₇ NO ₄)	350.0000
L-Cystine, Dihydrochloride (C ₆ H ₁₂ N ₂ O ₄ S ₂ . 2HCl)	28.6800
L-Glutamine (C ₅ H ₁₀ N ₂ O ₃)	600.0000
L-Histidine, Hydrochloride, Monohydrate (C ₆ H ₉ N ₃ O ₂ . HCl . H ₂ O)	3377.8601
L-Isoleucine (C ₆ H ₁₃ NO ₂)	50.0000
L-Leucine (C ₆ H ₁₃ NO ₂)	75.0000
L-Lysine, Hydrochloride (C ₆ H ₁₄ N ₂ O ₂ . HCl)	625.0000
L-Malic Acid (C ₄ H ₆ O ₅)	670.0000
L-Methionine (C ₅ H ₁₁ NO ₂ S)	50.0000
L-Phenylalanine (C ₉ H ₁₁ NO ₂)	150.0000
L-Proline (C ₅ H ₉ NO ₂)	350.0000
L-Serine (C ₃ H ₇ NO ₃)	550.0000

L-Threonine (C ₄ H ₉ NO ₃)	175.0000
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)	62.0000
L-Valine (C ₅ H ₁₁ NO ₂)	100.0000
Lactalbumin Hydrolysate	3330.0000
Magnesium Chloride, Anhydrous (MgCl ₂)	1070.0000
Magnesium Sulfate, Anhydrous (MgSO ₄)	1360.0000
Myo-Inositol (C ₆ H ₁₂ O ₆)	0.0200
Nicotinic Acid (C ₆ H ₅ NO ₂)	0.0200
Potassium Chloride (KCl)	2800.0000
Pyridoxine, Hydrochloride (C ₈ H ₁₁ NO ₃ . HCl)	0.0200
Riboflavin (C ₁₇ H ₂₀ N ₄ O ₆)	0.0200
Sodium Bicarbonate (NaHCO ₃)	350.0000
Sodium Phosphate, Monobasic, Monohydrate (NaH ₂ PO ₄ . H ₂ O)	1013.0000
Succinic Acid (C ₄ H ₆ O ₄)	60.0000
Sucrose (C ₁₂ H ₂₂ O ₁₁)	26680.0000
Thiamine, Hydrochloride (C ₁₂ H ₁₇ ClN ₄ OS . HCl)	0.0200
Yeast Extract	3330.0000
alpha-Ketoglutaric Acid (C ₅ H ₆ O ₅)	370.0000
beta-Alanine (C ₃ H ₇ NO ₂)	200.0000
para-Aminobenzoic Acid (C ₇ H ₇ NO ₂)	0.0200