

TNM-FH Insect Medium Ingredient Formula

Ingredient	Concentration (mg/L)	Ingredient	Concentration (mg/L)
Inorganic Salt			
CaCl ₂ •2H ₂ O	1324.6	L-Tryptophan	100
MgCl ₂ •6H ₂ O	2280	L-Tyrosine disodium salt	72.02
MgSO ₄	1357.856	L-Valine	100
KCl	2240	Vitamin	
NaHCO ₃	350	Biotin	0.01
Na ₂ HPO ₄	876.923	Choline Chloride	0.2
Amino Acid		D-Calcium Pantothenate	0.02
β-Alanine	200	Folic Acid	0.02
Glycine	650	Niacin	0.02
L-Alanine	225	Para-aminobenzoic Acid	0.02
L-Arginine	700	Pyridoxine Hydrochloride	0.02
L-Asparagine	350	Riboflavin	0.02
L-Aspartic Acid	350	Thiamine Hydrochlorid	0.02
L-Cystine	25	Meso-inositol	0.02
L-Glutamic Acid	600	Others	
L-Glutamine	600	D-Glucose	700
L-Histidine	2500	D(-)-Fructose	400
L-Isoleucine	50	Fumaric Acid	55
L-Leucine	75	A-Ketoglutaric Acid	370
L-Lysine Hydrochloride	625	Lactalbumin Hydrolyzate	3333.3
L-Methionine	50	L-Malic Acid	670
L-Phenylalanine	150	Succinic Acid Free Acid	60
L-Proline	350	D(+)-Sucrose	26680
L-Serine	550	Yeast Extract	3333.3
L-Threonine	175		