

IPL-41 Insect Medium

Component	17760 [Powder] g/L
Inorganic salts	
(NH ₄) ₂ MoO ₄ • 4H ₂ O	0.00004
CaCl ₂ • 2H ₂ O (anhydrous)	0.5
CoCl ₂ • 6H ₂ O	0.00005
CuCl ₂ (anhyd)	0.000158
FeSO ₄ • 7H ₂ O	0.00055
MnCl ₂ • 4H ₂ O	0.00002
MgSO ₄ (anhyd)	0.918264
KCl	1.2
NaHCO ₃	0.35
Na ₂ HPO ₄ (anhyd)	1.008696
ZnCl ₂	0.00004
Amino acids	
b-Alanine	0.3
L-Arginine • HCl	0.8
L-Asparagine	1.3
L-Aspartic acid	1.3
L-Cystine • 2HCl	0.130337
L-Glutamic acid	1.5
L-Glutamine	1
Glycine	0.2
L-Histidine	0.2
Hydroxy-L-proline	0.8
L-Isoleucine	0.75
L-Leucine	0.25
L-Lysine • HCl	0.7
L-Methionine	1
L-Phenylalanine	1
L-Proline	0.5
DL-Serine	0.4
L-Threonine	0.2
L-Tryptophan	0.1
L-Tyrosine • 2Na	0.360375
L-Valine	0.5
Vitamins	
p-Aminobenzoic acid	0.00032
D-Biotin	0.00016
Choline chloride	0.02
Folic acid	0.00008
myo-Inositol	0.0004
Niacin	0.00016
D-Pantothenic acid • ½Ca	0.000008
Pyridoxine • HCl	0.0004
Riboflavin	0.00008
Thiamine • HCl	0.00008
Vitamin B12	0.00024
Sugars	
D-Glucose	2.5
Maltose	1
Sucrose	1.65
Other	
Fumaric acid	0.0044
α-Ketoglutaric acid	0.0296
L(-)-Malic acid	0.0536
Succinic acid	0.0048