

Grace's Insect Medium Ingredient Formula

Ingredient(mg/L) / Cat. No.	PM15011	PM152012
Inorganic Salt		
CaCl ₂ (Anhydrous)	750	500
MgCl ₂ ·6H ₂ O	2280	2280
MgSO ₄ (Anhydrous)	1358	1358
KCl	4100	2800
NaHCO ₃	350	350
NaH ₂ PO ₄ ·H ₂ O	1013	1013
Amino Acid		
β-Alanine	200	200
Glycine	650	650
L-Alanine	225	225
L-Arginine Hydrochloride	700	700
L-Asparagine	350	350
L-Aspartic Acid	350	350
L-Cystine	22	-
L-Cystine Dihydrochloride	-	28.68
L-Glutamic Acid	600	600
L-Glutamine	600	600
L-Histidine	2500	2500
L-Isoleucine	50	50
L-Leucine	75	75
L-Lysine Hydrochloride	625	625
L-Methionine	-	50
L-Phenylalanine	150	150
L-Proline	350	350
L-Serine	550	550
L-Threonine	175	175
L-Tryptophan	100	100
L-Tyrosine	50	-
L-Tyrosine disodium salt	-	62.14
L-Valine	100	100
Vitamin		
Biotin	0.01	0.01
Choline Chloride	0.2	0.2
D-Calcium Pantothenate	0.02	0.02
Folic Acid	0.02	0.02
Niacin	0.02	0.02
Para-aminobenzoic Acid	0.02	0.02
Pyridoxine Hydrochloride	0.02	0.02
Riboflavin	0.02	0.02
Thiamine Hydrochlorid	0.02	0.02
Meso-inositol	0.02	0.02
Others		
D-Glucose	700	700
D(-)-Fructose	400	400
Fumaric Acid	55	55
Α-Ketoglutaric Acid	370	370
L-Malic Acid	670	670
Succinic Acid Free Acid	60	60
D(+)-Sucrose	26680	26680
Lactalbumin hydrolysate	-	3303
Yeastolate	-	3330