

Composition

P04-81500 Grace's Insect Medium
w/o: L-Glutamine
w: 0.35 g/L NaHCO₃

	Components	mg/L
Inorganic Salts	Calcium chloride x 2H ₂ O	1,324.60
	Potassium chloride	2,240.00
	Magnesium chloride x 6H ₂ O	2,278.86
	Magnesium sulfate anhydrous	1,357.86
	di-Sodium hydrogen phosphate	876.92
Other Components	DL-Malic acid	670.00
	Succinic acid	60.00
	Fructose	400.00
	Fumaric acid	55.00
	D(+)-Glucose anhydrous	700.00
	α-Ketoglutaric acid sodium salt	425.66
	D-Sucrose	26,680.00
Amino acids	β-Alanine	200.00
	L-Alanine	225.00
Amino acids	L-Arginine x HCl	700.00
	L-Asparagine x H ₂ O	350.00
	L-Aspartic acid	350.00
	L-Cystine	19.18
	L-Glutamine	0.00
	L-Glutamic acid	600.00
	Glycine	650.00
	L-Histidine base	2,500.00

	L-Isoleucine	50.00
	L-Leucine	75.00
	L-Lysine x HCl	625.00
	L-Methionine	50.00
	L-Phenylalanine	150.00
	L-Proline	350.00
	L-Serine	550.00
	L-Threonine	175.00
	L-Tryptophan	100.00
	L-Tyrosine	50.00
	L-Valine	100.00
Vitamins	p-Aminobenzoic acid	0.02
	D(+)-Biotin	0.01
	D-Calcium pantothenate	0.02
	Choline chloride	0.20
	Folic acid	0.02
	myo-Inositol	0.02
	Niacin	0.02
	Pyridoxine x HCl	0.02
	Riboflavin	0.02
	Thiamine x HCl	0.02
	NaHCO ₃	350.00