

## Composition

**P04-82520      Grace's Insect Medium (2x)**  
**w: L-Glutamine**  
**w: Lactalbumine-Hydrolysate**  
**w: Yeast extract**  
**w: 0.7 g/L NaHCO<sub>3</sub>**

	Components	mg/L
Inorganic Salts	Calcium chloride x 2H <sub>2</sub> O	1,325.00
	Potassium chloride	5,600.00
	Magnesium chloride x 6H <sub>2</sub> O	4,566.00
	Magnesium sulfate x 7H <sub>2</sub> O	5,560.20
	Sodium dihydrogen phosphate x H <sub>2</sub> O	2,026.00
Other Components	DL-Malic acid	1,340.00
	Succinic acid	120.00
	D(-)-Fructose	800.00
	Fumaric acid	110.00
	D(+)-Glucose anhydrous	1,400.00
	Yeast extract	6,660.00
	α-Ketoglutaric acid sodium salt	740.00
	Lactalbumin-Hydrolysate	6,660.00
	D(+)-Sucrose	53,360.00
Amino acids	β-Alanine	400.00
	L-Alanine	450.00
	L-Arginine x HCl	1,400.00
	L-Asparagine x H <sub>2</sub> O	700.00
	L-Aspartic acid	700.00
	L-Cystine x 2HCl	57.40

	L-Glutamine	1,200.00
	L-Glutamic acid	1,200.00
	Glycine	1,300.00
	L-Histidine base	5,000.00
	L-Isoleucine	100.00
	L-Leucine	150.00
	L-Lysine x HCl	1,250.00
	L-Methionine	100.00
	L-Phenylalanine	300.00
	L-Proline	700.00
	L-Serine	1,100.00
	L-Threonine	350.00
	L-Tryptophan	200.00
	L-Tyrosine x 2Na x 2H <sub>2</sub> O	100.00
	L-Valine	100.00
Vitamins	p-Aminobenzoic acid	0.04
	D(+)-Biotin	0.02
	D-Calcium pantothenate	0.04
	Choline chloride	0.40
	Folic acid	0.04
	myo-Inositol	0.04
	Niacin	0.04
	Pyridoxine x HCl	0.04
	Riboflavin	0.04
	Thiamine x HCl	0.04
	NaHCO <sub>3</sub>	700.00