

# COMPOSITION

## Schneider's Drosophila Medium

	CAS number	LM-F0702 Liquid mg/l
Amino Acids	Beta Alanine	107-95-9 500
	Glycine	56-40-6 250
	L-Arginine Free Base	74-79-3 600
	L-Aspartic Acid	56-84-8 400
	L-Cysteine Monohydrochloride Monohydrate	7048-04-6 78,588
	L-Cystine Dihydrochloride	30925-07-6 26,732
	L-Glutamic Acid	56-86-0 800
	L-Glutamine	56-85-9 1800
	L-Histidine	71-00-1 400
	L-Isoleucine	73-32-5 150
	L-Leucine	61-90-5 150
	L-Lysine Monohydrochloride	657-27-2 1650
	L-Methionine	63-68-3 150
	L-Proline	147-85-3 1700
	L-Serine	56-45-1 250
	L-Threonine	72-19-5 350
	L-Tryptophan	73-22-3 100
L-Tyrosine Disodium Salt Dihydrate	122666-87- 720,199	
L-Valine	72-18-4 300	
Inorganic Salts	Calcium Chloride Anhydrous	10043-52-4 600
	Magnesium Sulfate Anhydrous	7487-88-9 1807,221
	Potassium Chloride	7447-40-7 1600
	Potassium Phosphate Monobasic Anhydrous	7778-77-0 450
	Sodium Bicarbonate	144-55-8 400
	Sodium Chloride	7647-14-5 2100
	Sodium Phosphate Dibasic Anhydrous	7558-79-4 700
	Succinic Acid	110-15-6 60
O.C.*	Alpha-Ketoglutaric Acid	328-50-7 350
	D(+)-Trehalose Dihydrate	6138-23-4 2000
	D-Glucose Anhydrous	50-99-7 2000
	Fumaric Acid	110-17-8 60
	L-Malic Acid	97-67-6 600
	Yeast Extract	8013-01-2 2000

\* Other Components