

## Schneider's Drosophila Medium Formulation

Schneider's Drosophila Medium		SLS-539-500 Liquid mg/l
Amino Acids	Beta Alanine	500
	Glycine	250
	L-Arginine Free Base	600
	L-Aspartic Acid	400
	L-Cysteine Monohydrochloride Monohydrate	78,588
	L-Cystine Dihydrochloride	26,732
	L-Glutamic Acid	800
	L-Glutamine	1800
	L-Histidine	400
	L-Isoleucine	150
	L-Leucine	150
	L-Lysine Monhydrochloride	1650
	L-Methionine	150
	L-Proline	1700
	L-Serine	250
	L-Threonine	350
	L-Tryptophan	100
	L-Tyrosine Disodium Salt Dihydrate	720,199
L-Valine	300	
Inorganic Salts	Calcium Chloride Anhydrous	600
	Magnesium Sulfate Anhydrous	1807,221
	Potassium Chloride	1600
	Potassium Phosphate Monobasic Anhydrous	450
	Sodium Bicarbonate	400
	Sodium Chloride	2100
	Sodium Phosphate Dibasic Anhydrous	700
	Succinic Acid	60
O.C.*	Alpha-Ketoglutaric Acid	350
	D(+)-Trehalose Dihydrate	2000
	D-Glucose Anhydrous	2000
	Fumaric Acid	60
	L-Malic Acid	600
	Yeast Extract	2000

\* Other components