

# COMPOSITION

## Schneider's Drosophila Medium

CAS  
number

L0207  
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	122666-87-9	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