



WISENT INC.

Schneider's Drosophila Insect medium Formulation

Catalog no.	301-050 Liquid Schneider's
Inorganic Salts	g/L
CaCl ₂ Anhydrous	0.6
MgSO ₄ dried	1.807
KH ₂ PO ₄	0.45
KCl	1.6
NaCl	2.1
Na ₂ HPO ₄	0.7
NaHCO ₃	0.4
Amino Acids	
β-Alanine	0.5
L-Arginine	0.6
L-Aspartic acid	0.4
L-Cystine 2HCl	0.0267
L-Cysteine	0.06
L-Glutamic acid	0.8
L-Glutamine	1.8
Glycine	0.25
L-Histidine	0.4
L-Isoleucine	0.15
L-Leucine	0.15
L-Lysine	1.65
L-Methionine	0.15
L-Proline	1.7
L-Serine	0.25
L-Threonine	0.35
L-Tryptophan	0.1
L-Tyrosine 2Na 2H ₂ O	0.7202
L-Valine	0.3
Other	g/L
Fumaric Acid	0.06
D(+)-Glucose	2.0
α-ketoglutaric acid	0.35
L(-)-Malic Acid	0.6
D(+)-Trehalose	2.0
Succinic Acid	0.06
Yeast Extract	2.0
Specifications	
pH (after buffer)	6.5 ± 0.3
Osmolality (mOsm/kg)	350 ± 20