

Schneider's Drosophila Medium

Description

Originally developed for the culture of Drosophila cells, this medium is also suitable for the culture of other dipteran cell lines.

Liquid Media

Schneider's Drosophila Medium⁽¹⁾
without L-Glutamine
with 0.35 g/L NaHCO₃ 500 ml P04-90500

Schneider's Drosophila Medium⁽¹⁾
with L-Glutamine
with 0.35 g/L NaHCO₃ 500 ml P04-91500

Powder Media

Schneider's Drosophila Medium⁽¹⁾
without L-Glutamine 10 L P03-9310
without NaHCO₃ 50 L P03-9350

Composition

	Components	mg/L
Inorganic Salts	Potassium chloride	1600.00
	Potassium dihydrogen phosphate	450.00
	Magnesium sulfate dried	2585.71
	Sodium chloride	2100.00
	di-Sodium hydrogen phosphate	700.00
Other Components	DL-Malic acid	600.00
	Succinic acid	60.00
	Fumaric acid	60.00
	D(+)-Glucose anhydrous	2000.00
	Yeast extract	2000.00
	α-Ketoglutaric acid sodium salt	402.66
	D(+)-Trehalose x 2H ₂ O	2210.00
Amino acids	β-Alanine	500.00
	L-Arginine Base	600.00
	L-Asparatic acid	400.00
	L-Cysteine free base	60.00
	L-Cystine	16.60
	L-Glutamine	1800.00
	L-Glutamic acid	800.00
	Glycine	250.00
	L-Histidine Base	400.00
	L-Isoleucine	150.00
	L-Leucine	150.00
	L-Lysine x HCl	1650.00
	L-Methionine	150.00
	L-Proline	1700.00
	L-Serine	250.00
L-Threonine	350.00	
L-Tryptophan	100.00	
L-Tyrosine	500.00	
L-Valine	300.00	

(1) usually on stock, (2) minimum order 10 l, (3) available on request