

## TC 100 Insect Cell Medium

### Description

The TC 100 insect cell medium is an absolutely serum-free formula (Oxford formulation) for the growth of insect cells, especially for SF9 cells and the breeding of viruses. If you would like to work with a modern protein-free insect medium, our Spodopan is the ideal choice.

### Liquid Media

TC 100 Insect Medium<sup>(1)</sup>  
without L-Glutamine  
with 0.35 g/L NaHCO<sub>3</sub>      500 ml P04-93500

TC 100 Insect Medium<sup>(1)</sup>  
with L-Glutamine  
with 0.35 g/L NaHCO<sub>3</sub>      500 ml P04-92500

### Powder Media

TC 100 Insect Medium<sup>(1)</sup>  
with L-Glutamine            10 L    P03-9610  
without NaHCO<sub>3</sub>            50 L    P03-9650

### Composition

	Components	mg/L
<b>Inorganic Salts</b>	Calcium chloride x 2H <sub>2</sub> O	1298.13
	Potassium chloride	2900.00
	Magnesium chloride x 6H <sub>2</sub> O	2282.59
	Magnesium sulfate dried	1781.00
	Sodium dihydrogen phosphate x H <sub>2</sub> O	970.00
<b>Other components</b>	D(+)-Glucose anhydrous	1000.00
	Bacto - Tryptose	2600.00
<b>Amino acids</b>	L-Alanine	225.00
	L-Arginine Base	550.00
	L-Aspartic acid	350.00
	L-Asparagine x H <sub>2</sub> O	391.97
	L-Cystine	20.00
	L-Glutamine	600.00
	L-Glutamic acid	600.00
	Glycine	650.00
	L-Histidine x HCl x H <sub>2</sub> O	3400.00
	L-Isoleucine	50.00
	L-Leucine	75.00
	L-Lysine x HCl	630.00
	L-Methionine	50.00
	L-Phenylalanine	150.00
	L-Proline	350.00
	L-Serine	550.00
L-Threonine	180.00	
L-Tryptophan	100.00	
L-Tyrosine	55.00	
L-Valine	100.00	
<b>Vitamins</b>	p-Amino benzoic acid	0.02
	D-(+)-Biotin	0.01
	D-Calcium pantothenate	0.11
	Folic acid	0.02
	myo-Inositol	0.02
	Nicotinic acid	0.02
	Pyridoxine x HCl	0.02
	Riboflavin	0.02
	Thiamine x HCl	0.02
	Vitamin B12	0.01

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