

Formulations

FISCHER'S MEDIUM

Cat.# 112-032

COMPONENTS	mg / L
Inorganic Salts	
CaCl ₂ (anhydrous)	68.698
KCl	400.00
MgCl ₂	46.90
NaCl	8000.00
NaHCO ₃	1125.00
Na ₂ HPO ₄ (anhydrous)	59.85
NaH ₂ PO ₄ •H ₂ O	69.00
Other Components	
D-Glucose	1000.00
Phenol red•Na	5.00
Amino Acids	
L-Arginine•HCl	18.60
L-Asparagine (anhydrous)	10.00
L-Cystine•2HCl	26.10
L-Glutamine	204.00
L-Histidine•HCl•H ₂ O	66.00
L-Isoleucine	75.00
L-Leucine	30.00
L-Lysine•HCl	50.00
L-Methionine	100.00
L-Phenylalanine	60.00
L-Serine	15.00
L-Threonine	40.00
L-Tryptophan	10.00
L-Tyrosine•2Na•2H ₂ O	86.49
L-Valine	70.00
Vitamins	
d-Biotin	0.01
D-Ca pantothenate	0.50
Choline chloride	1.50
Folic acid	10.00
i-Inositol	1.50
Nicotinamide	0.50
Pyridoxal•HCl	0.50
Riboflavin	0.50
Thiamine•HCl	1.00

Reference: Fischer, G.A. and Sartorelli, A.S., (1964) Methods in Med. Res., **10**:247