

Formulations

MINIMUM ESSENTIAL MEDIUM WITH EARLE'S SALTS (EMEM)

Cat No. 112-016

COMPONENTS	mg/ L
Inorganic Salts	
CaCl ₂ anhydrate	200.00
KCl	400.00
MgSO ₄ (anhydrous)	98.00
NaCl	6800.00
NaHCO ₃	2200.00
NaH ₂ PO ₄ • H ₂ O	140.00
Other Components	
D-Glucose	1000.00
Phenol red•Na	10.00
Amino Acids	
L-Arginine•HCl	126.00
L-Cystine•2HCl	31.00
L-Histidine•HCl•H ₂ O	42.00
L-Isoleucine	52.00
L-Leucine	52.00
L-Lysine•HCl	73.00
L-Methionine	15.00
L-Phenylalanine	32.00
L-Threonine	48.00
L-Tryptophan	10.00
L-Tyrosine•2Na•2H ₂ O	52.00
L-Valine	46.00
Vitamins	
D-Ca pantothenate	1.00
Choline chloride	1.00
Folic acid	1.00
i-Inositol	2.00
Nicotinamide	1.00
Pyridoxal•HCl	1.00
Riboflavin	0.10
Thiamine•HCl	1.00

References: Eagle H. (1959) Science **130**:432-437
Morton H.J. (1970) In Vitro **6**:89-108