

Product Information

Minimal Essential Medium (MEM) with Earle's Salts, w/o L-Glutamine
 Cat. No. MEM-XA (500 ml)

Product Specifications

Appearance	Clear red orange solution
CO ₂ concentration, optimum	5.0 %
Storage and shelf life	Store at +2°C to +8°C protected from light. Do not freeze! Once opened, store at 4° C and use within 6-8 weeks.
Shipping conditions	Ambient

Formulation

Components	Concentration mg/L
Amino Acids:	
L-Arginine HCl	126.00
L-Cystine 2 HCl	31.30
L-Histidine HCl H ₂ O	42.00
L-Isoleucine	52.00
L-Leucine	52.00
L-Lysine HCl	72.50
L-Methionine	15.00
L-Phenylalanine	32.00
L-Threonine	48.00
L-Tryptophan	10.00
L-Tyrosine 2 Na 2 H ₂ O	51.90
L-Valine	46.00
Vitamins:	
Choline chloride	1.00
D-Calcium Pantothenate	1.00
Folic Acid	1.00

Components	Concentration mg/L
myo-Inositol	2.00
Nicotinamide	1.00
Pyridoxal HCl	1.00
Riboflavin	0.10
Thiamine HCl	1.00
Inorganic Salts:	
CaCl ₂ 2 H ₂ O	265.00
MgSO ₄	97.67
KCl	400.00
NaHCO ₃	2200.00
NaCl	6800.00
NaH ₂ PO ₄ (anhydrous)	122.00
Other Components:	
D-Glucose	1000.00
Phenol Red Sodium Salt	11.0

Precautions and Disclaimer

This product is for research and further manufacturing use only. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Help Needed?

If you have any further questions regarding this product, please do not hesitate to contact our cell culture experts by email (techservice@capricorn-scientific.com) or phone (+49 6424 944640).