

MEM Alpha Medium

Product Description

Name : Catalog Number :	MEM Alpha Medium with L-Glutamine without Ribonucleosides OO0790, 500 ml	Name : Catalog Number :	MEM Alpha Medium with L-Glutamine with Ribonucleosides OO0800, 500 ml
--	--	--	---

Storage: +2°C to +8°C (Shelf Life 12 months)

Applications

- Designed to support a wide variety of mammalian cell types
- Suitable for the cultivation of many cells grown in monolayers

Features

- Similar formulation to Eagle's Media
- Contains higher amino acid concentrations

Product Specifications

CO ₂ -Concentration, optimum	5.0 %
pH	7.0 – 7.5
Osmolality	260 – 340 mOsmol/kg
Endotoxin	< 1 EU/ml
Cell Culture	tested
Sterility	tested

Formulation (mg/ml)

Inorganic Salts

Calcium Chloride anhydrous	200.00
Potassium Chloride	400.00
Magnesium Sulphate	97.67
Sodium Chloride	6800.00
Sodium Dihydrogen Phosphate • H ₂ O	140.00
Sodium Hydrogen Carbonate in OO0790	2200.00
Sodium Hydrogen Carbonate in OO0800	850.00

Amino Acids

L-Alanine	25.00
L-Arginine • Hcl	126.64
L-Asparagine • H ₂ O	50.00
L-Aspartic Acid	30.00
L-Cysteine • HCl • H ₂ O	100.00
L-Cystine	24.00
L-Glutamic Acid anhydrous	75.00
L-Glutamine	292.00
Glycine	50.00
L-Histidine • HCl • H ₂ O	42.00
L-Isoleucine	52.40
L-Leucine	52.40
L-Lysine • Hcl	72.47
L-Methionine	15.00
L-Phenylalanine	32.00
L-Proline	40.00
L-Serine	25.00
L-Threonine	48.00
L-Tryptophan	10.00
L-Tyrosine	36.00
L-Valine	46.00

Vitamins

L-Ascorbic Acid	45.00
D(+)-Biotin	0.10
Cholin Chloride	1.00
Folic Acid	1.00
Myo-Inositol	2.00
Nicotinamide	1.00
D-Pantothenic Acid (hemicalcium)	1.00
Pyridoxine • Hcl	1.00
Riboflavin	0.10
Thiamine • Hcl	1.00
Vitamin B12	1.33

Other Components

D-Glucose anhydrous	1000.00
HEPES in E15-862	5958.00
Lipoic Acid	0.20
Sodium Pyruvate	110.00
Phenol Red	10.00

Ribonucleosides

Adenosin	10.00
Cytidine	10.00
Guanosine	10.00
Uridine	10.00

Deoxyribonucleosides

2'-Deoxyadenosine • H ₂ O	10.00
2'-Deoxycytidine • Hcl	11.00
2'-Deoxyguanosine	10.00
2'-Deoxythymidine	10.00

Contact your local distributor Uptima, powered by

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.
Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : Uptima / Interchim; Hotline : +33(0)4 70 03 73 06

Disclaimer : Materials from Uptima are sold **for research use only**, and are not intended for food, drug, household, or cosmetic uses.
Uptima is not liable for any damage resulting from handling or contact with this product.