

Product Information

DMEM High Glucose (4.5 g/L)
with Stable Glutamine
sterile-filtered
Cat. No. DMEM-HSTA (500 ml)

Product Specifications

Appearance	Clear red orange solution
CO ₂ concentration, optimum	8.5 %
Storage and shelf life	Store at +2°C to +8°C protected from light. Once opened, store at 4° C and use within 6-8 weeks.
Shipping conditions	Ambient

Formulation

Components	Concentration mg/L
Amino Acids:	
Glycine	30.00
L-Alanyl-L-Glutamine	862.00
L-Arginine HCl	84.00
L-Cystine 2 HCl	62.57
L-Histidine HCl H ₂ O	42.00
L-Isoleucine	105.00
L-Leucine	105.00
L-Lysine HCl	146.00
L-Methionine	30.00
L-Phenylalanine	66.00
L-Serine	42.00
L-Threonine	95.00
L-Tryptophan	16.00
L-Tyrosine 2 Na 2H ₂ O	103.79
L-Valine	94.00
Vitamins:	
Choline Chloride	4.00
D-Calcium Pantothenate	4.00

Components	Concentration mg/L
Vitamins:	
Folic Acid	4.00
myo-Inositol	7.20
Nicotinamide	4.00
Pyridoxal HCl	4.00
Riboflavin	0.40
Thiamine HCl	4.00
Inorganic Salts:	
CaCl ₂ 2 H ₂ O	265.00
Fe(NO ₃) ₃ 9 H ₂ O	0.10
KCl	400.00
MgSO ₄ 7H ₂ O	200.00
NaCl	4750.00
NaHCO ₃	3700.00
NaH ₂ PO ₄ 2H ₂ O	141.73
Other Components:	
D-Glucose	4500.00
Phenol Red Sodium Salt	15.90

Precautions and Disclaimer

This product is for research use and further manufacturing only.

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).