

DMEM/Ham's F-12, with L-Glutamine

Cat No: SB-CC0116



SARD Biosciences LLP

Product Specifications

Appearance	Clear red orange solution
CO ₂ concentration, optimum	4.5 %
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

Pack Size – 500 ml

Formulation

Components	Conc. mg/L
Amino Acids	
L-Arginine HCl	147.50
L-Cystine 2HCl	31.29
L-Cysteine HCl H ₂ O	17.56
L-Asparagine H ₂ O	7.50
L-Glutamine	365.00
L-Glutamic Acid	7.35
Glycine	18.75
L-Histidine HCl H ₂ O	31.48
L-Isoleucine	54.47
L-Leucine	59.05
L-Lysine HCl	91.25
L-Methionine	17.24
L-Phenylalanine	35.48
L-Proline	17.25
L-Serine	26.25
L-Threonine	53.45
L-Tryptophan	9.02
L-Tyrosine 2Na 2H ₂ O	55.79
L-Valine	52.85
L-Alanine	4.45
L-Aspartic Acid	6.65
Vitamins	
Choline Chloride	8.98

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D-Calcium Pantothenate	2.24	
D-Biotin	0.0035	
Pyridoxal HCl	2.00	
Folic Acid	2.66	
myo-Inositol	12.60	
Nicotinamide	2.02	
Pyridoxine HCl	0.031	
Riboflavin	0.219	
Thiamine HCl	2.17	
Vitamin B12	0.68	
Inorganic Salts		
Calcium Chloride [CaCl ₂]	154.50	
Ferric Nitrate [Fe(NO ₃) ₃ 9H ₂ O] Nonahydrate	0.05	
Magnesium Sulfate [MgSO ₄]	48.84	
Potassium Chloride [KCl]	311.80	
Sodium Chloride [NaCl]	6996.00	
Sodium Phosphate Monobasic [NaH ₂ PO ₄ H ₂ O] Monohydrate	71.02	
NaHCO ₃	1200.00	
CuSO ₄ 5 H ₂ O	0.0013	
FeSO ₄ 7 H ₂ O	0.417	
MgCl ₂ 6 H ₂ O	61.20	
Na ₂ HPO ₄	54.30	
ZnSO ₄ 7 H ₂ O	0.432	
Other		
D-Glucose	3151.00	
Hypoxanthine	2.40	
Linoleic Acid	0.042	
Lipoic Acid	0.105	
Phenol Red Sodium Salt	8.63	
Sodium Pyruvate		55.00
Thymidine		0.365
Putrescine 2 HCl		0.081

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Disclaimer:

This product is for research use only.

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