

Code.No. : 05177

Grade : SP

DMEM/Ham's F-12

with L-Gln, Sodium Pyruvate and HEPES, without Phenol Red, liquid

Formulation

Components shown as **mg/liter**

Inorganic Salts:

Calcium Chloride•2H ₂ O	154.52
Copper(II) Sulfate•5H ₂ O	0.0013
Iron(III) Nitrate•9H ₂ O	0.05
Iron(II) Sulfate•7H ₂ O	0.42
Magnesium Chloride•6H ₂ O	61.20
Magnesium Sulfate	48.84
Potassium Chloride	311.80
Sodium Chloride	6996.00
Sodium Dihydrogenphosphate	54.30
Sodium Hydrogen Carbonate	1200.00
<i>di</i> -Sodium Hydrogenphosphate	71.02
Zinc Sulfate•7H ₂ O	0.43

Amino Acids:

L-Alanine	4.45
L-Arginine•HCl	147.50
L-Asparagine•H ₂ O	7.50
L-Aspartic Acid	6.65
L-Cysteine•HCl•H ₂ O	17.56
L-Cystine•2HCl	31.29
L-Glutamic Acid	7.35
L-Glutamine	365.00
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

Vitamins:

D-Biotin	0.0035
Choline Chloride	8.98
Folic Acid	2.66
<i>myo</i> -Inositol	12.60
Nicotinamide	2.02
D-Pantothenic Acid Calcium Salt	2.24
Pyridoxine•HCl	2.03
Vitamin B ₁ •HCl	2.17
Vitamin B ₂	0.22
Vitamin B ₁₂	0.68

Others:

D-Glucose	3151.00
HEPES	3574.50
Hypoxanthine	2.10
Linoleic Acid	0.042
Lipoic Acid	0.11
Putrescine•2HCl	0.081
Sodium Pyruvate	55.00
Thymidine	0.37