

Componentes in CosMedium 001

Components	mg/liter
Inorganic salts:	
CaCl ₂ (anhyd.)	97
Ca(NO ₃) ₂ 4H ₂ O	48.48
KCl	388
MgSO ₄ (anhyd.)	69
NaCl	6208
NaHCO ₃	1400
NaH ₂ PO ₄ (anhyd.)	55.775
Na ₂ HPO ₄ (anhyd.)	388.485

Amino acids:	
L-Arginine	97
L-Arginine HCl	76.11
L-Asparagine H ₂ O	42.548
L-Aspartic acid	24.7
L-Cysteine HCl H ₂ O	15.229
L-Cystine 2HCl	31.525
L-Glutamic acid	9.7
L-Glutamine	445.5
Glycine	9.85
L-Histidine	7.275
L-Histidine HCl H ₂ O	20.37
Hydroxy-L-proline	9.7
L-Isoleucine	49.47
L-Leucine	49.47
L-Lysine HCl	54.805
L-Methionine	14.55
L-Phenylalanine	22.795
L-Proline	14.7
L-Serine	29.55
L-Threonine	47.98
L-Tryptophan	7.275
L-Tyrosine	27.16
L-Valine	47.01

Vitamins:	
para-Aminobenzoic acid	0.485
D-Biotin	0.1167
Choline bitartrate	0.873
Choline chloride	26.455
Folic acid	0.97
myo-Inositol	17.945
Niacinamide	0.97
D-½Ca pantothenate	10.606
Pyridoxal HCl	0.485
Pyridoxine HCl	0.485
Riboflavin	0.1455
Thiamine HCl	0.97
Vitamin B ₁₂	0.01243

Components	mg/liter
Trace elements:	
CuSO ₄ 5H ₂ O	0.00002
FeSO ₄ 7H ₂ O	1
MnSO ₄ 4H ₂ O	0.000002
(NH ₄) ₆ Mo ₇ O ₂₄ 4H ₂ O	0.0006
NiCl ₂ 6H ₂ O	0.000006
Na ₂ SeO ₃	0.0017
NH ₄ VO ₃	0.00003
Zn(CH ₃ COO) ₂ 2H ₂ O	0.0002

Other components:	
Monoethanolamine	20.34
D-Glucose	1955
Glutathione (reduced)	0.485
Glycylglycine	1500
Hypoxanthine	0.1
Kanamycin sulfate	60
Mannose	100
Phenol red	5.335
Putrescine 2HCl	0.02
Sodium pyruvate	110
Sodium succinate 6H ₂ O	48.5
Succinic acid	36.375
Thymidine	0.025
Triiodo-L-thyronine	0.0065

Growth factors:	
Bovine insulin	5
Human transferrin	5