

IMDM Powder

Cat. no.: CC140-1000

Inorganic Salts (g/liter)	Concentration (g/L)
Calcium Chloride (CaCl ₂) (anhyd.)	0.165
KCl	0.33
Potassium Nitrate (KNO ₃)	0.000076
MgSO ₄ (anhydrous)	0.09767
NaCl	4.5
NaH ₂ PO ₄ · H ₂ O	0.125
Sodium Selenite (Na ₂ SeO ₃ ·5H ₂ O)	0.0000173

Amino Acids (g/liter)	Concentration (g/L)
L-Alanine	0.025
L-Arginine hydrochloride	0.084
L-Asparagine · H ₂ O	0.025
L-Aspartic Acid	0.03
L-Cystine · 2HCl	0.0914
L-Glutamic Acid	0.075
Glycine	0.03
L-Glutamine	0.584
L-Histidine hydrochloride · H ₂ O	0.042
L-Isoleucine	0.105
L-Leucine	0.105
L-Lysine · HCl	0.146
L-Methionine	0.03
L-Phenylalanine	0.066
L-Proline	0.04
L-Serine	0.042
L-Threonine	0.095
L-Tryptophan	0.016
L-Tyrosine disodium salt	0.104
L-Valine	0.094

Vitamins (g/liter)	Concentration (g/L)
Biotin	0.000013
Choline Chloride	0.004
D-Calcium pantothenate	0.004
Folic Acid	0.004
i-Inositol	0.0072
Niacinamide	0.004
Pyridoxal hydrochloride	0.004
Riboflavin	0.0004
Thiamine · HCl	0.004
Vitamin B-12	0.000013

Other (g/liter)	Concentration (g/L)
D-Glucose	4.5
HEPES	5.958
Phenol Red	0.015
Sodium Pyruvate	0.11

Add (g/ liter)	
NaHCO ₃	3.024