

IMDM Medium Ingredient Formula

Ingredient(mg/L) / Cat. No.	PM150510	PM150510A	PM150511	PM150512	PM150513	PM150514	PM150515	PM150516
Inorganic Salt								
CaCl ₂ (Anhydrous)	165	165	165	165	165	165	165	165
MgSO ₄ (Anhydrous)	97.67	97.67	97.67	97.67	97.67	97.67	97.67	97.67
KCl	330	330	330	330	330	330	330	330
KNO ₃	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076
NaHCO ₃	3024	3024	3024	3024	3024	3024	3024	3024
NaCl	4505	4505	4505	4505	4505	4505	4505	4505
NaH ₂ PO ₄ -H ₂ O	125	125	125	125	125	125	125	125
Na ₂ SeO ₃ •5H ₂ O	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017
Amino Acid								
L-Alanyl-L-Glutamine	–	–	–	869	–	–	869	–
L-Arginine Hydrochloride	84	84	84	84	84	84	84	84
L-Cystine 2HCl	91.24	91.24	91.24	91.24	91.24	91.24	91.24	91.24
L-Glutamine	584	584	–	–	584	–	–	584
L-Histidine Hydrochloride-H ₂ O	42	42	42	42	42	42	42	42
L-Isoleucine	105	105	105	105	105	105	105	105
L-Leucine	105	105	105	105	105	105	105	105
L-Lysine Hydrochloride	146	146	146	146	146	146	146	146
L-Methionine	30	30	30	30	30	30	30	30
L-Phenylalanine	66	66	66	66	66	66	66	66
L-Threonine	95	95	95	95	95	95	95	95
L-Tryptophan	16	16	16	16	16	16	16	16
L-Tyrosine disodium salt	104	104	104	104	104	104	104	104
L-Valine	94	94	94	94	94	94	94	94
Glycine	30	30	30	30	30	30	30	30
L-Alanine	25	25	25	25	25	25	25	25
L-Asparagine (freebase)	25	25	25	25	25	25	25	25
L-Aspartic Acid	30	30	30	30	30	30	30	30
L-Glutamic Acid	75	75	75	75	75	75	75	75
L-Proline	40	40	40	40	40	40	40	40
L-Serine	42	42	42	42	42	42	42	42
Vitamin								
Biotin	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
Choline Chloride	4	4	4	4	4	4	4	4
D-Calcium Pantothenate	4	4	4	4	4	4	4	4
Folic Acid	4	4	4	4	4	4	4	4
Niacinamide	4	4	4	4	4	4	4	4
Pyridoxal Hydrochloride	4	4	4	4	4	4	4	4
Riboflavin	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Thiamine Hydrochlorid	4	4	4	4	4	4	4	4
Vitamin B12	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
Meso-inositol	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
Others								
D-Glucose	4500	4500	4500	4500	4500	4500	4500	–
HEPES	5958	5958	5958	5958	5958	5958	5958	5958
Sodium Pyruvate	110	110	110	110	110	110	110	110
Phenol Red	15	15	15	15	–	–	–	15
Penicillin G Sodium Salt	–	100 kU	–	–	–	–	–	–
Streptomycin Sulfate	–	100	–	–	–	–	–	–