

IMDM Medium Ingredient Formula

Ingredient(mg/L) / Cat. No.	PM150510	PM15010A	PM150511	PM150512	PM150513	PM150514	PM150515
Inorganic Salt							
CaCl ₂ (Anhydrous)	165.3	165.3	165.3	165.3	165.3	165.3	165.3
MgSO ₄ (Anhydrous)	97.67	97.67	97.67	97.67	97.67	97.67	97.67
KCl	330	330	330	330	330	330	330
KNO ₃	0.076	0.076	0.076	0.076	0.076	0.076	0.076
NaHCO ₃	3024	3024	3024	3024	3024	3024	3024
NaCl	4505	4505	4505	4505	4505	4505	4505
NaH ₂ PO ₄ (Anhydrous)	109	109	109	109	109	109	109
Na ₂ SeO ₃ •5H ₂ O	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
L-Cystine Dihydrochloride	91.24	91.24	91.24	91.24	91.24	91.24	91.24
L-Glutamine	584	584	–	–	584	–	–
L-Histidine Hydrochloride	42	42	42	42	42	42	42
L-Isoleucine	105	105	105	105	105	105	105
L-Leucine	105	105	105	105	105	105	105
L-Lysine Hydrochloride	146	146	146	146	146	146	146
L-Methionine	30	30	30	30	30	30	30
L-Phenylalanine	66	66	66	66	66	66	66
L-Threonine	95	95	95	95	95	95	95
L-Tryptophan	16	16	16	16	16	16	16
L-Tyrosine Disodium Salt	103.79	103.79	103.79	103.79	103.79	103.79	103.79
L-Valine	94	94	94	94	94	94	94
Glycine	30	30	30	30	30	30	30
L-Alanine	25	25	25	25	25	25	25
L-Asparagine Monohydrate	28.4	28.4	28.4	28.4	28.4	28.4	28.4
L-Aspartic Acid	30	30	30	30	30	30	30
L-Glutamic Acid	75	75	75	75	75	75	75
L-Proline	40	40	40	40	40	40	40
L-Serine	42	42	42	42	42	42	42
Vitamin							
Biotin	0.013	0.013	0.013	0.013	0.013	0.013	0.013
Choline Chloride	4	4	4	4	4	4	4
D-Calcium Pantothenate	4	4	4	4	4	4	4
Folic Acid	4	4	4	4	4	4	4
Niacinamide	4	4	4	4	4	4	4
Pyridoxal Hydrochloride	4	4	4	4	4	4	4
Riboflavin	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Thiamine Hydrochlorid	4	4	4	4	4	4	4
Vitamin B12	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
Others							
D-Glucose	4500	4500	4500	4500	4500	4500	4500
HEPES	5958	5958	5958	5958	5958	5958	5958
Sodium Pyruvate	110	110	110	110	110	110	110
Phenol Red	15	15	15	15	–	–	–
Penicillin G Sodium Salt	–	100kU	–	–	–	–	–
Streptomycin Sulfate	–	100	–	–	–	–	–