

MEM α Medium Ingredient Formula

Ingredient (mg/L) / Cat.	PM150421	PM150422	PM150423	PM150424	PM150425	PM150426	PM150427	PM150428
Inorganic Salt								
CaCl ₂ (Anhydrous)	200	200	200	200	200	200	200	200
MgSO ₄ (Anhydrous)	97.67	97.67	97.67	97.67	97.67	97.67	97.67	97.67
KCl	400	400	400	400	400	400	400	400
NaHCO ₃	2200	2200	2200	2200	2200	2200	2200	2200
NaCl	6800	6800	6800	6800	6800	6800	6800	6800
NaH ₂ PO ₄ (Anhydrous)	122	122	122	122	122	122	122	122
Amino Acid								
L-Alanyl-L-Glutamine	–	–	–	–	434	434	–	–
L-Arginine Hydrochloride	126	126	126	126	126	126	126	126
L-Cysteine Hydrochloride	100	100	100	100	100	100	100	100
L-Cystine Dihydrochloride	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
L-Glutamine	292	292	–	–	–	–	292	292
L-Histidine Hydrochloride	42	42	42	42	42	42	42	42
L-Isoleucine	52	52	52	52	52	52	52	52
L-Leucine	52	52	52	52	52	52	52	52
L-Lysine Hydrochloride	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
L-Methionine	15	15	15	15	15	15	15	15
L-Phenylalanine	32	32	32	32	32	32	32	32
L-Threonine	48	48	48	48	48	48	48	48
L-Tryptophan	10	10	10	10	10	10	10	10
L-Tyrosine Disodium Salt	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
L-Valine	46	46	46	46	46	46	46	46
Glycine	50	50	50	50	50	50	50	50
L-Alanine	25	25	25	25	25	25	25	25
L-Asparagine	50	50	50	50	50	50	50	50
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	25	25	25	25	25	25	25	25
Vitamin								
L-Ascorbic Acid	50	50	50	50	50	50	50	50
Biotin	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Choline Chloride	1	1	1	1	1	1	1	1
D-Calcium Pantothenate	1	1	1	1	1	1	1	1
Folic Acid	1	1	1	1	1	1	1	1
Niacinamide	1	1	1	1	1	1	1	1
Pyridoxal Hydrochloride	1	1	1	1	1	1	1	1
Riboflavin	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Thiamine Hydrochlorid	1	1	1	1	1	1	1	1
Vitamin B12	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
Meso-inositol	2	2	2	2	2	2	2	2
Ribonucleotide								
Adenosine	10	–	10	–	10	–	10	–
Cytidine	10	–	10	–	10	–	10	–
Guanosine	10	–	10	–	10	–	10	–
Uridine	10	–	10	–	10	–	10	–
Deoxyribonucleoside								
2'-deoxyadenosine	10	–	10	–	10	–	10	–
2'-Deoxycytidine	11	–	11	–	11	–	11	–
2'-Deoxyguanosine	10	–	10	–	10	–	10	–
Thymidine	10	–	10	–	10	–	10	–
Others								
D-Glucose	1000	1000	1000	1000	1000	1000	1000	1000
Znso ₄	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Sodium Pyruvate	110	110	110	110	110	110	110	110
Phenol Red	10	10	10	10	10	10	–	–