

MEMα medium ingredient formula (mg/L)

Ingredient \ Cat. No.	EP-CM-P0203	EP-CM-L0203 EP-CM-L0204	EP-CM-L0205 EP-CM-L0206	EP-CM-L0207	EP-CM-L0208	EP-CM-L0209	EP-CM-L0210
Inorganic salt							
CaCl ₂ (Anhydrous)	200	200	200	200	200	200	200
MgSO ₄ (Anhydrous)	97.67	97.67	97.67	97.67	97.67	97.67	97.67
KCl	400	400	400	400	400	400	400
NaHCO ₃	–	2200	2200	2200	2200	2200	2200
NaCl	6800	6800	6800	6800	6800	6800	6800
NaH ₂ PO ₄ (Anhydrous)	122	122	122	122	122	122	122
Amino acid							
L-Alanyl-L-glutamine	–	–	–	–	–	434	434
L-Arginine monohydrochloride	126	126	126	126	126	126	126
L-Cysteine hydrochloride monohydrate	100	100	100	100	100	100	100
L-Cystine dihydrochloride	31.3	31.3	31.3	31.3	31.3	31.3	31.3
L-Glutamine	292	292	292	–	–	–	–
L-Histidine hydrochloride monohydrate	42	42	42	42	42	42	42
L-Isoleucine	52	52	52	52	52	52	52
L-Leucine	52	52	52	52	52	52	52
L-Lysine monohydrochloride	72.5	72.5	72.5	72.5	72.5	72.5	72.5
L-Methionine	15	15	15	15	15	15	15
L-Phenylalanine	32	32	32	32	32	32	32
L-Threonine	48	48	48	48	48	48	48
L-Tryptophan	10	10	10	10	10	10	10
L-Tyrosine disodium salt dihydrate	51.9	51.9	51.9	51.9	51.9	51.9	51.9
L-Valine	46	46	46	46	46	46	46
Glycine	50	50	50	50	50	50	50
L-Alanine	25	25	25	25	25	25	25
L-Asparagine Monohydrate	50	50	50	50	50	50	50
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

For Research Use Only

Thank you for your recent purchase.
 If you would like to learn more about products, please visit www.elabscience.com

**Focus on lab research
 Service for life science**

L-Serine	25	25	25	25	25	25	25
Vitamin							
L-Ascorbic acid	50	50	50	50	50	50	50
Biotin	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Choline chloride	1	1	1	1	1	1	1
D-Calcium pantothenate	1	1	1	1	1	1	1
Folic acid	1	1	1	1	1	1	1
Niacinamide	1	1	1	1	1	1	1
Pyridoxal hydrochloride	1	1	1	1	1	1	1
Riboflavin	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Thiamine hydrochlorid	1	1	1	1	1	1	1
Vitamin B12	1.36	1.36	1.36	1.36	1.36	1.36	1.36
Meso-inositol	2	2	2	2	2	2	2
Ribonucleoside							
Adenosine	10	10	–	10	–	10	–
Cytidine	10	10	–	10	–	10	–
Vernine	10	10	–	10	–	10	–
Uridine	10	10	–	10	–	10	–
Deoxyribonucleoside							
2'-Deoxyadenosine	10	10	–	10	–	10	–
2'- Deoxycytidine hydrochloride	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
Lipoic acid	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Sodium pyruvate	110	110	110	110	110	110	110
Phenol red	10	10	10	10	10	10	10

For Research Use Only

Thank you for your recent purchase.
 If you would like to learn more about products, please visit www.elabscience.com

**Focus on lab research
 Service for life science**