

MEM medium ingredient formula (mg/L)

Ingredient \ Cat. No.	EP-CM-L0191
Inorganic salt	
CaCl ₂ (Anhydrous)	200
MgSO ₄ (Anhydrous)	97.67
KCl	400
NaHCO ₃	1500
NaCl	6800
NaH ₂ PO ₄ (Anhydrous)	122
Amino acid	
L-Alanyl-L-glutamine	–
L-Arginine monohydrochloride	126
L-Cystine dihydrochloride	31.3
L-Glutamine	292
L-Histidine hydrochloride monohydrate	42
L-Isoleucine	52
L-Leucine	52
L-Lysine monohydrochloride	72.5
L-Methionine	15
L-Phenylalanine	32
L-Threonine	48
L-Tryptophan	10
L-Tyrosine disodium salt dihydrate	51.9
L-Valine	46
Glycine	7.5
L-Alanine	8.9
L -Asparagine Monohydrate	15
L-Aspartic acid	13.3
L-Glutamic acid	14.7
L-Proline	11.5
L-Serine	10.5
Vitamin	
Choline chloride	1
D-Calcium pantothenate	1
Folic acid	1
Niacinamide	1

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Pyridoxal hydrochloride	1
Riboflavin	0.1
Thiamine hydrochlorid	1
Meso-inositol	2
Others	
D-Glucose	1000
HEPES	–
Phenol red	10
Sodium pyruvate	110