

MEM Minimum Essential Medium - Liquid	LIQUID	
	Without Non-Essential Amino Acids	With Non-Essential Amino Acids
Catalog Nos.	9126	9130
Component	mg/L	mg/L
Sodium Chloride	6800	6800
Potassium Chloride	400	400
Glucose	1000	1000
L-Alanine	—	9
L-Arginine HCl	127	127
L-Asparagine • H ₂ O	—	15
L-Aspartic Acid	—	13
L-Cystine 2HCl	31	31
L-Glutamic Acid	—	15
Glycine	—	8
L-Histidine HCl • H ₂ O	42	42
L-Isoleucine	52	52
L-Leucine	52	52
L-Lysine HCl	72	72
L-Methionine	15	15
L-Phenylalanine	32	32
L-Proline	—	12
L-Serine	—	11
L-Threonine	48	48
L-Tryptophan	10	10
L-Tyrosine 2Na • 2H ₂ O	52	52
L-Valine	46	46
Folic Acid	1	1
Inositol	2	2
Nicotinic Acid Amide	1	1
Riboflavin	0.1	0.1
Thiamine HCl	1	1
Phenol Red, Na salt	10	10
Pantothenic Acid, Ca salt	1	1
Pyridoxal HCl	1	1
Sodium Phosphate, monobasic NaH ₂ PO ₄ • H ₂ O	140	140
Calcium Chloride, anhyd	200	200
Magnesium Sulfate, anhyd. MgSO ₄	100	100
Choline Chloride	1	1
Sodium Bicarbonate	2200	2200
Add: L-Glutamine (200 mM)	10 mL/L	10 mL/L