

COMPOSITION

MEM with Earle's Salts		CAS number	LM-E1140 Liquid mg/l	LM-E1141 Liquid mg/l	LM-E1142 Liquid mg/l	LM-E1143 Liquid mg/l
Amino Acids	Glycine	56-40-6	/	/	7,5	/
	L-Alanine	56-41-7	/	/	8,9	/
	L-Alanyl-L-Glutamine (Glutamine Stable)	39537-23-0	/	434,4	/	/
	L-Arginine Monohydrochloride	1119-34-2	126	126	126	126
	L-Asparagine Monohydrate	5794-13-8	/	/	15	/
	L-Aspartic Acid	56-84-8	/	/	13,3	/
	L-Cystine Dihydrochloride	30925-07-6	31,3	31,3	31,3	31,3
	L-Glutamic Acid	56-86-0	/	/	14,7	/
	L-Glutamine	56-85-9	292	/	/	/
	L-Histidine Monohydrochloride Monohydrate	5934-29-2	42	42	42	42
	L-Isoleucine	73-32-5	52	52	52	52
	L-Leucine	61-90-5	52	52	52	52
	L-Lysine Monohydrochloride	657-27-2	72,5	72,5	72,5	72,5
	L-Methionine	63-68-3	15	15	15	15
	L-Phenylalanine	63-91-2	32	32	32	32
	L-Proline	147-85-3	/	/	11,5	/
	L-Serine	56-45-1	/	/	10,5	/
L-Threonine	72-19-5	48	48	48	48	
L-Tryptophan	73-22-3	10	10	10	10	
L-Tyrosine Disodium Salt Dihydrate	122666-87-9	51,9	51,9	51,9	51,9	
L-Valine	72-18-4	46	46	46	46	
Inorganic Salts	Calcium Chloride Dihydrate	10035-04-8	265	265	265	265
	Magnesium Sulfate Anhydrous	7487-88-9	97,67	97,67	97,67	97,67
	Potassium Chloride	7447-40-7	400	400	400	400
	Sodium Bicarbonate	144-55-8	2200	2200	2200	2200
	Sodium Chloride	7647-14-5	6800	6800	6800	6800
	Sodium Phosphate Monobasic Anhydrous	7558-80-7	122	122	122	122
Vitamins	Choline Chloride	67-48-1	1	1	1	1
	D-Ca Pantothenate	137-08-6	1	1	1	1
	Folic Acid	59-30-3	1	1	1	1
	Myo-Inositol	87-89-8	2	2	2	2
	Nicotinamide (Nicotinic acid amide)	98-92-0	1	1	1	1
	Pyridoxal Hydrochloride	65-22-5	1	/	1	1
	Pyridoxine Hydrochloride	58-56-0	/	1	/	/
	Riboflavin	83-88-5	0,1	0,1	0,1	0,1
Thiamine Hydrochloride	67-03-8	1	1	1	1	
O.C.*	D-Glucose Anhydrous	50-99-7	1000	1000	1000	1000
	Hepes Free Acid	7365-45-9	/	/	/	/
	Phenol Red Sodium Salt	34487-61-1	11	11	11	11

* Other Components

COMPOSITION

MEM with Earle's Salts (following)

	CAS number	LM-E1144 Liquid mg/l	LM-E1145 Liquid mg/l	PM-E1156 Powder mg/l	PM-E1157 Powder mg/l	
Amino Acids	Glycine	56-40-6	/	/	7,5	/
	L-Alanine	56-41-7	/	/	8,9	/
	L-Alanyl-L- Glutamine (Glutamine Stable)	39537-23-0	/	/	/	/
	L-Arginine Monohydrochloride	1119-34-2	126	126	126	126
	L-Asparagine Monohydrate	5794-13-8	/	/	15	/
	L-Aspartic Acid	56-84-8	/	/	13,3	/
	L-Cystine Dihydrochloride	30925-07-6	31,3	31,3	31,3	31,3
	L- Glutamic Acid	56-86-0	/	/	14,7	/
	L- Glutamine	56-85-9	292	/	292	292
	L-Histidine Monohydrochloride Monohydrate	5934-29-2	42	42	42	42
	L-Isoleucine	73-32-5	52	52	52	52
	L-Leucine	61-90-5	52	52	52	52
	L-Lysine Monohydrochloride	657-27-2	72,5	72,5	72,5	72,5
	L-Methionine	63-68-3	15	15	15	15
	L-Phenylalanine	63-91-2	32	32	32	32
	L-Proline	147-85-3	/	/	11,5	/
	L-Serine	56-45-1	/	/	10,5	/
	L-Threonine	72-19-5	48	48	48	48
	L-Tryptophan	73-22-3	10	10	10	10
	L-Tyrosine Disodium Salt Dihydrate	122666-87-9	51,9	51,9	51,9	51,9
L-Valine	72-18-4	46	46	46	46	
Inorganic Salts	Calcium Chloride Dihydrate	10035-04-8	265	265	265	200
	Magnesium Sulfate Anhydrous	7487-88-9	97,67	97,67	97,67	97,67
	Potassium Chloride	7447-40-7	400	400	400	400
	Sodium Bicarbonate	144-55-8	2200	2200	/	/
	Sodium Chloride	7647-14-5	5500	5500	6800	6800
	Sodium Phosphate Monobasic Anhydrous	7558-80-7	122	122	122	122
Vitamins	Choline Chloride	67-48-1	1	1	1	1
	D-Ca Pantothenate	137-08-6	1	1	1	1
	Folic Acid	59-30-3	1	1	1	1
	Myo- Inositol	87-89-8	2	2	2	2
	Nicotinamide (Nicotinic acid amide)	98-92-0	1	1	1	1
	Pyridoxal Hydrochloride	65-22-5	1	1	1	1
	Pyridoxine Hydrochloride	58-56-0	/	/	/	/
	Riboflavin	83-88-5	0,1	0,1	0,1	0,1
	Thiamine Hydrochloride	67-03-8	1	1	1	1
O.C.*	D-Glucose Anhydrous	50-99-7	1000	1000	1000	1000
	Hepes Free Acid	7365-45-9	5958	5958	/	/
	Phenol Red Sodium Salt	34487-61-1	11	11	11	11

* Other Components