

COMPOSITION

MEM Alpha Modification		CAS number	LM-E1148 Liquid mg/l	LM-E1149 Liquid mg/l	PM-E1155 Powder mg/l
Amino Acids	Glycine	56-40-6	50	50	50
	L-Alanine	56-41-7	25	25	25
	L-Arginine Monohydrochloride	1119-34-2	126	126	126
	L-Asparagine Monohydrate	5794-13-8	50	50	50
	L-Aspartic Acid	56-84-8	30	30	30
	L-Cysteine Monohydrochloride Monohydrate	7048-04-6	100	100	100
	L-Cystine Dihydrochloride	30925-07-6	31,3	31,3	31,3
	L-Glutamic Acid	56-86-0	75	75	75
	L-Glutamine	56-85-9	292	/	292
	L-Histidine Monohydrochloride Monohydrate	5934-29-2	42	42	42
	L-Isoleucine	73-32-5	52	52	52
	L-Leucine	61-90-5	52	52	52
	L-Lysine Monohydrochloride	657-27-2	72,5	72,5	72,5
	L-Methionine	63-68-3	15	15	15
	L-Phenylalanine	63-91-2	32	32	32
	L-Proline	147-85-3	40	40	40
	L-Serine	56-45-1	25	25	25
	L-Threonine	72-19-5	48	48	48
	L-Tryptophan	73-22-3	10	10	10
L-Tyrosine Disodium Salt Dihydrate	122666-87-9	51,9	51,9	51,9	
L-Valine	72-18-4	46	46	46	
Inorganic Salts	Calcium Chloride Dihydrate	10035-04-8	265	265	265
	Magnesium Sulfate Anhydrous	7487-88-9	97,67	97,67	97,67
	Potassium Chloride	7447-40-7	400	400	400
	Sodium Bicarbonate	144-55-8	2200	2200	/
	Sodium Chloride	7647-14-5	6800	6800	6800
	Sodium Phosphate Monobasic Anhydrous	7558-80-7	122	122	122
Vitamins	Ascorbic Acid	50-81-7	50	50	50
	Choline Chloride	67-48-1	1	1	1
	D-Biotin	58-85-5	0,1	0,1	0,1
	D-Ca Pantothenate	137-08-6	1	1	1
	Folic Acid	59-30-3	1	1	1
	Myo-Inositol	87-89-8	2	2	2
	Nicotinamide (Nicotinic acid amide)	98-92-0	1	1	1
	Pyridoxal Hydrochloride	65-22-5	1	1	1
	Riboflavin	83-88-5	0,1	0,1	0,1
	Thiamine Hydrochloride	67-03-8	1	1	1
Vitamin B12	68-19-9	1,36	1,36	1,36	
O. C.*	D-Glucose Anhydrous	50-99-7	1000	1000	1000
	Phenol Red Sodium Salt	34487-61-1	11	11	11
	Sodium Pyruvate	113-24-6	110	110	110
	Thioctic Acid	1077-28-7	0,2	0,2	0,2

* Other Components