

# COMPOSITION

## Serum Reduced Media MCDB

CAS  
number      L1203  
Liquid  
mg/l

### Amino Acids

	CAS number	L1203 Liquid mg/l
Glycine	56-40-6	7,51
L-Alanine	56-41-7	8,91
L-Arginine Monohydrochloride	119-34-2	210,7
L-Asparagine Monohydrate	5794-13-8	15
L-Aspartic Acid	56-84-8	3,99
L-Cysteine Monohydrochloride Monohydrate	7048-04-6	42,04
L-Glutamic Acid	56-86-0	14,71
L-Glutamine	56-85-9	877,2
L-Histidine Monohydrochloride Monohydrate	5934-29-2	16,77
L-Isoleucine	73-32-5	1,968
L-Leucine	61-90-5	65,6
L-Lysine Monohydrochloride	657-27-2	18,27
L-Methionine	63-68-3	4,476
L-Phenylalanine	63-91-2	4,956
L-Proline	147-85-3	34,53
L-Serine	56-45-1	63,06
L-Threonine	72-19-5	11,91
L-Tryptophan	73-22-3	3,06
L-Tyrosine Disodium Salt Dihydrate	122666-87-9	3,92
L-Valine	72-18-4	35,13

### Inorganic Salts

	CAS number	L1203 Liquid mg/l
Calcium Chloride Dihydrate	10035-04-8	4,411
Cupric Sulfate Pentahydrate	7758-99-8	0,0025
Ferrous Sulfate Heptahydrate	7782-63-0	0,417
Magnesium Chloride Hexahydrate	7791-18-6	122
Potassium Chloride	7447-40-7	111,83
Sodium Acetate Anhydrous	127-09-3	301,53
Sodium Bicarbonate	144-55-8	1176
Sodium Chloride	7647-14-5	7599
Sodium Phosphate Dibasic Anhydrous	7558-79-4	284,088
Zinc Sulfate Heptahydrate	7446-20-0	0,863

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### Vitamins

	CAS number	L1203 Liquid mg/l
Choline Chloride	67-48-1	13,96
D-Biotin	58-85-5	0,0146
D-Ca Pantothenate	137-08-6	0,238
Folic Acid	59-30-3	0,79
Myo-Inositol	87-89-8	18,02
Nicotinamide (Nicotinic acid amide)	98-92-0	0,0366
Pyridoxine Hydrochloride	58-56-0	0,0617
Riboflavin	83-88-5	0,0376
Thiamine Hydrochloride	67-03-8	0,337
Vitamin B12	68-19-9	0,407

### O.C.\*

	CAS number	L1203 Liquid mg/l
Adenine Monohydrochloride	2922-28-3	30,88
D-Glucose Anhydrous	50-99-7	1081
Hepes Free Acid	7365-45-9	6600
Phenol Red Sodium Salt	34487-61-1	1,242
Putrescine+2HCl	333-93-7	0,1611
Sodium Pyruvate	113-24-6	55
Thioctic Acid	1077-28-7	0,2063
Thymidine	50-89-5	0,727

\* Other Components