



Liquid Media

MCL02

MCL04

Amino Acids

mg/L

mg/L

Glycine	7.5000	7.5000
L-Alanine	13.9000	13.9000
L-Arginine, Hydrochloride	42.1000	42.1000
L-Asparagine, Anhydrous	45.0000	45.0000
L-Aspartic Acid	20.0000	20.0000
L-Cysteine, Hydrochloride, Monohydrate	45.6700	45.6700
L-Glutamic Acid	22.1000	22.1000
L-Glutamine	219.2000	
L-Histidine, Hydrochloride, Monohydrate	21.0000	21.0000
L-Hydroxyproline	19.7000	19.7000
L-Isoleucine	39.4000	39.4000
L-Leucine	39.4000	39.4000
L-Lysine, Hydrochloride	36.5000	36.5000
L-Methionine	15.0000	15.0000
L-Phenylalanine	16.5000	16.5000
L-Proline	17.3000	17.3000
L-Serine	26.3000	26.3000
L-Threonine	17.9000	17.9000
L-Tryptophan	3.1000	3.1000
L-Tyrosine, Disodium, Dihydrate	26.2000	26.2000
L-Valine	17.6000	17.6000

Inorganic Salts

mg/L

mg/L

Calcium Chloride, Anhydrous	100.0000	100.0000
Magnesium Sulfate, Anhydrous	98.0000	98.0000
Potassium Chloride	400.0000	400.0000
Sodium Bicarbonate	2200.0000	2200.0000
Sodium Chloride	6460.0000	6460.0000
Sodium Phosphate, Monobasic, Monohydrate	580.0000	580.0000



Liquid Media

MCL02

MCL04

Other Components

mg/L

mg/L

D-Glucose, Anhydrous	3000.0000	3000.0000
Glutathione, Reduced	0.5000	0.5000
L-Ascorbic Acid	0.5000	0.5000
Peptone Powder	600.0000	600.0000
Phenol Red, Sodium Salt	10.0000	10.0000

Vitamins

mg/L

mg/L

Biotin	0.2000	0.2000
Choline Chloride	5.0000	5.0000
D-Calcium Pantothenate	0.2000	0.2000
Folic Acid	10.0000	10.0000
Myo-Inositol	36.0000	36.0000
Niacinamide	0.5000	0.5000
Nicotinic Acid	0.5000	0.5000
Para-Aminobenzoic Acid	1.0000	1.0000
Pyridoxal, Hydrochloride	0.5000	0.5000
Pyridoxine, Hydrochloride	0.5000	0.5000
Riboflavin	0.2000	0.2000
Thiamine, Hydrochloride	0.2000	0.2000
Vitamin B12	2.0000	2.0000