

Powdered Media		MDP08
Amino Acids	mg/L	
Glycine	50.0000	
L-Alanine	25.0000	
L-Arginine, Hydrochloride	70.0000	
L-Aspartic Acid	30.0000	
L-Cysteine, Hydrochloride, Monohydrate	0.1000	
L-Cystine, Dihydrochloride	26.0000	
L-Glutamic Acid	75.0000	
L-Glutamine	100.0000	
L-Histidine, Hydrochloride, Monohydrate	22.0000	
L-Hydroxyproline	10.0000	
L-Isoleucine	40.0000	
L-Leucine	60.0000	
L-Lysine, Hydrochloride	70.0000	
L-Methionine	15.0000	
L-Phenylalanine	25.0000	
L-Proline	40.0000	
L-Serine	25.0000	
L-Threonine	30.0000	
L-Tryptophan	10.0000	
L-Tyrosine, Disodium, Dihydrate	58.0000	
L-Valine	25.0000	



Powdered Media

MDP08

Inorganic Salts

mg/L

Calcium Chloride, Anhydrous	200.0000
Ferric Nitrate, Nonahydrate	0.7200
Hypoxanthine, Sodium	0.4000
Magnesium Sulfate, Anhydrous	98.0000
Potassium Chloride	400.0000
Sodium Chloride	6800.0000
Sodium Phosphate, Monobasic, Monohydrate	140.0000
Xanthine, Monosodium Salt	0.3400

Other Components

mg/L

2-Deoxy-D-Ribose	0.5000
Adenine Sulfate, Dihydrate	10.0000
Adenosine 5'-Monophosphate, Monohydrate	0.2000
Adenosine-5'-Triphosphate, Anhydrous	1.0000
Cholesterol	0.2000
D-Glucose, Anhydrous	1000.0000
Guanine HCl	0.3000
Menadione	0.0100
Phenol Red, Sodium Salt	20.0000
Sodium Acetate, Anhydrous	50.0000
Tween 80	20.0000



Powdered Media

MDP08

Vitamins	mg/L
(±) α-Tocopherol Phosphate, Disodium Salt	0.0100
Biotin	0.0100
Calciferol	0.1000
Choline Chloride	0.5000
D-Calcium Pantothenate	0.0100
D-Ribose	0.5000
Folic Acid	0.0100
Glutathione, Reduced	0.0500
L-Ascorbic Acid	0.0500
Myo-Inositol	0.0500
Niacinamide	0.0250
Nicotinic Acid	0.0250
Para-Aminobenzoic Acid	0.0500
Pyridoxine, Hydrochloride	0.0500
Riboflavin	0.0100
Thiamine, Hydrochloride	0.0100
Thymine	0.3000
Urea	0.3000
Vitamin A, Acetate	0.1400



Liquid Media

MDL06

MDL07

Amino Acids

mg/L

mg/L

Glycine	50.0000	50.0000
L-Alanine	25.0000	25.0000
L-Arginine, Hydrochloride	70.0000	70.0000
L-Aspartic Acid	30.0000	30.0000
L-Cysteine, Hydrochloride, Monohydrate	0.1000	0.1000
L-Cystine, Dihydrochloride	26.0000	26.0000
L-Glutamic Acid	75.0000	75.0000
L-Glutamine	100.0000	100.0000
L-Histidine, Hydrochloride, Monohydrate	22.0000	22.0000
L-Hydroxyproline	10.0000	10.0000
L-Isoleucine	40.0000	40.0000
L-Leucine	60.0000	60.0000
L-Lysine, Hydrochloride	70.0000	70.0000
L-Methionine	15.0000	15.0000
L-Phenylalanine	25.0000	25.0000
L-Proline	40.0000	40.0000
L-Serine	25.0000	25.0000
L-Threonine	30.0000	30.0000
L-Tryptophan	10.0000	10.0000
L-Tyrosine, Disodium, Dihydrate	58.0000	58.0000
L-Valine	25.0000	25.0000



Liquid Media

MDL06

MDL07

Inorganic Salts

mg/L

mg/L

Calcium Chloride, Anhydrous	200.0000	200.0000
Ferric Nitrate, Nonahydrate	0.7200	0.7200
Hypoxanthine, Sodium	0.4000	0.4000
Magnesium Sulfate, Anhydrous	98.0000	98.0000
Potassium Chloride	400.0000	400.0000
Sodium Bicarbonate	2200.0000	2200.0000
Sodium Chloride	6800.0000	6800.0000
Sodium Phosphate, Monobasic, Monohydrate	140.0000	140.0000
Xanthine, Monosodium Salt	0.3400	0.3400

Other Components

mg/L

mg/L

2-Deoxy-D-Ribose	0.5000	0.5000
Adenine Sulfate, Dihydrate	10.0000	10.0000
Adenosine 5'-Monophosphate, Monohydrate	0.2000	0.2000
Adenosine-5'-Triphosphate, Anhydrous	1.0000	1.0000
Cholesterol	0.2000	0.2000
D-Glucose, Anhydrous	1000.0000	1000.0000
Guanine HCl	0.3000	0.3000
Menadione	0.0100	0.0100
Phenol Red, Sodium Salt		20.0000
Sodium Acetate, Anhydrous	50.0000	50.0000
Tween 80	20.0000	20.0000



Liquid Media

MDL06

MDL07

Vitamins

mg/L

mg/L

(±) α-Tocopherol Phosphate, Disodium Salt

0.0100

0.0100

Biotin

0.0100

0.0100

Calciferol

0.1000

0.1000

Choline Chloride

0.5000

0.5000

D-Calcium Pantothenate

0.0100

0.0100

D-Ribose

0.5000

0.5000

Folic Acid

0.0100

0.0100

Glutathione, Reduced

0.0500

0.0500

L-Ascorbic Acid

0.0500

0.0500

Myo-Inositol

0.0500

0.0500

Niacinamide

0.0250

0.0250

Nicotinic Acid

0.0250

0.0250

Para-Aminobenzoic Acid

0.0500

0.0500

Pyridoxine, Hydrochloride

0.0500

0.0500

Riboflavin

0.0100

0.0100

Thiamine, Hydrochloride

0.0100

0.0100

Thymine

0.3000

0.3000

Urea

0.3000

0.3000

Vitamin A, Acetate

0.1400

0.1400