


 Powdered Media	DFP01	DFP02	DFP03	DFP04	DFP05	DFP07	DFP08	DFP15
Inorganic Salts	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Calcium Chloride, Anhydrous	116.6000	116.6000	116.6000	116.6000	116.6000	116.6000	116.6000	116.6000
Cupric Sulfate, Pentahydrate	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013
Ferric Nitrate, Nonahydrate	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
Ferrous Sulfate, Heptahydrate	0.4170	0.4170	0.4170	0.4170	0.4170	0.4170	0.4170	0.4170
Magnesium Chloride, Anhydrous	28.6100	28.6100	28.6100	28.6400	28.6100	28.6100	28.6100	28.6100
Magnesium Sulfate, Anhydrous	48.9300	48.9300	48.9300	48.8400	48.9300	48.9300	48.9300	48.9300
Potassium Chloride	311.8000	311.8000	311.8000	311.8000	311.8000	311.8000	311.8000	311.8000
Sodium Chloride	6995.5000	6995.5000	6995.5000	6999.5000	6995.5000	6995.5000	6995.5000	6995.5000
Sodium Phosphate Dibasic, Anhydrous	70.9600	70.9600	70.9600	71.0200	70.9600	70.9600	70.9600	70.9600
Sodium Phosphate, Monobasic, Monohydrate	62.5000	62.5000	62.5000	62.5000	62.5000	62.5000	62.5000	62.5000
Zinc Sulfate, Heptahydrate	0.4320	0.4320	0.4320	0.4320	0.4320	0.4320	0.4320	0.4320
Other Components	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
D-Glucose, Anhydrous	3151.0000	3151.0000	3151.0000	1401.0000	3151.0000	3151.0000		3151.0000
HEPES	3574.5000	3574.5000	3574.5000		3574.5000			3574.5000
Hypoxanthine, Sodium	2.3900	2.3900	2.3900		2.3900	2.3900	2.3900	2.3900
Linoleic Acid	0.0420	0.0420	0.0420	0.0420	0.0420	0.0420	0.0420	0.0420
Lipoic Acid (DL-Thiolic Acid)	0.1050	0.1050	0.1050	0.1050	0.1050	0.1050	0.1050	0.1050
Phenol Red, Sodium Salt	8.1000			8.1000		8.1000	8.1000	8.1000
Putrescine, Dihydrochloride	0.0810	0.0810	0.0810	0.0810	0.0810	0.0810	0.0810	0.0810
Pyruvic Acid, Sodium Salt	55.0000	55.0000	55.0000	110.0000	55.0000			55.0000
Thymidine	0.3650	0.3650	0.3650		0.3650	0.3650	0.3650	0.3650

 Powdered Media	DFP16	DFP17	DFP18	DFP19	DFP22	DFP24	DFP25	DFP26
Vitamins	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Biotin	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035
Choline Chloride	8.9800	8.9800	8.9800	8.9800	8.9800	8.9800	8.9800	8.9800
D-Calcium Pantothenate	2.2400	2.2400	2.2400	2.2400	2.2400	2.2400	2.2400	2.2400
Folic Acid	2.6500	2.6500	2.6500	2.6500	2.6500		2.6500	2.6500
Myo-Inositol	12.6000	12.6000	12.6000	12.6000	12.6000	12.6000	12.6000	12.6000
Niacinamide	2.0200	2.0200	2.0200	2.0200	2.0200	2.0200	2.0200	2.0200
Pyridoxine, Hydrochloride	2.0310	2.0310	2.0310	2.0310	2.0310	2.0310	2.0310	2.0310
Riboflavin	0.2190	0.2190	0.2190	0.2190	0.2190	0.2190	0.2190	0.2190
Thiamine, Hydrochloride	2.1700	2.1700	2.1700	2.1700	2.1700	2.1700	2.1700	2.1700
Vitamin B12	0.6800	0.6800	0.6800	0.6800	0.6800		0.6800	0.6800

 Powdered Media	DFP27	DFP28	DFP29	DFP30	DFP31	DFP32	DFP33	DFP34
Amino Acids	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Glycine	18.7500	18.7500	18.7500					
L-Alanine	4.4500	4.4500	4.4500					
L-Arginine, Hydrochloride		147.5000	147.5000					
L-Asparagine, Monohydrate	7.5000		7.5000					
L-Aspartic Acid	6.6500	6.6500						
L-Cysteine, Hydrochloride, Monohydrate	17.5600	17.5600	17.5600					
L-Cystine, Dihydrochloride	31.2900	31.2900	31.2900					
L-Glutamic Acid	7.3500	7.3500	7.3500					
L-Glutamine	365.0000	365.0000	365.0000					
L-Histidine, Hydrochloride, Monohydrate	31.4800	31.4800	31.4800					
L-Isoleucine	54.4700	54.4700	54.4700					
L-Leucine	59.0500	59.0500	59.0500					
L-Lysine, Hydrochloride	91.2500	91.2500	91.2500					
L-Methionine	17.2400	17.2400	17.2400					
L-Phenylalanine	35.4800	35.4800	35.4800					
L-Proline	17.2500	17.2500	17.2500					
L-Serine	26.2500	26.2500	26.2500					
L-Threonine	53.4500	53.4500	53.4500					
L-Tryptophan	9.0200	9.0200	9.0200					
L-Tyrosine, Disodium, Dihydrate	55.7900	55.7900	55.7900					
L-Valine	52.8500	52.8500	52.8500					

 Powdered Media	DFP27	DFP28	DFP29	DFP30	DFP31	DFP32	DFP33	DFP34
Inorganic Salts	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Calcium Chloride, Anhydrous	116.6000	116.6000	116.6000					
Cupric Sulfate, Pentahydrate	0.0013	0.0013	0.0013					
Ferric Nitrate, Nonahydrate	0.0500	0.0500	0.0500					
Ferrous Sulfate, Heptahydrate	0.4170	0.4170	0.4170					
Magnesium Chloride, Anhydrous	28.6100	28.6100	28.6100					
Magnesium Sulfate, Anhydrous	48.9300	48.9300	48.9300					
Potassium Chloride	311.8000	311.8000	311.8000					
Sodium Chloride	6995.5000	6995.5000	6995.5000					
Sodium Phosphate Dibasic, Anhydrous	70.9600	70.9600	70.9600					
Sodium Phosphate, Monobasic, Monohydrate	62.5000	62.5000	62.5000					
Zinc Sulfate, Heptahydrate	0.4320	0.4320	0.4320					
Other Components	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
D-Glucose, Anhydrous	3151.0000	3151.0000	3151.0000					
HEPES	3574.5000	3574.5000	3574.5000					
Hypoxanthine, Sodium	2.3900	2.3900	2.3900					
Linoleic Acid	0.0420	0.0420	0.0420					
Lipoic Acid (DL-Thiolic Acid)	0.1050	0.1050	0.1050					
Phenol Red, Sodium Salt	8.1000	8.1000	8.1000					
Putrescine, Dihydrochloride	0.0810	0.0810	0.0810					
Pyruvic Acid, Sodium Salt	55.0000	55.0000	55.0000					
Thymidine	0.3650	0.3650	0.3650					

 Powdered Media	DFP27	DFP28	DFP29	DFP30	DFP31	DFP32	DFP33	DFP34
Vitamins	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Biotin	0.0035	0.0035	0.0035					
Choline Chloride	8.9800	8.9800	8.9800					
D-Calcium Pantothenate	2.2400	2.2400	2.2400					
Folic Acid	2.6500	2.6500	2.6500					
Myo-Inositol	12.6000	12.6000	12.6000					
Niacinamide	2.0200	2.0200	2.0200					
Pyridoxine, Hydrochloride	2.0310	2.0310	2.0310					
Riboflavin	0.2190	0.2190	0.2190					
Thiamine, Hydrochloride	2.1700	2.1700	2.1700					
Vitamin B12	0.6800	0.6800	0.6800					



Liquid Media

DFL25

DFL27

DFL28

Amino Acids

mg/L

mg/L

mg/L

Glycine	18.7500	18.7500	18.7500
L-Alanine	4.4500	4.4500	4.4500
L-Arginine, Hydrochloride	147.5000		
L-Asparagine, Monohydrate	7.5000	7.5000	7.5000
L-Aspartic Acid	6.6500	6.6500	6.6500
L-Cysteine, Hydrochloride, Monohydrate	17.5600	17.5600	17.5600
L-Cystine, Dihydrochloride	31.2900	31.2900	31.2900
L-Glutamic Acid	7.3500	7.3500	7.3500
L-Glutamine	365.0000	365.0000	
L-Histidine, Hydrochloride, Monohydrate	31.4800	31.4800	31.4800
L-Isoleucine	54.4700	54.4700	54.4700
L-Leucine	59.0500	59.0500	59.0500
L-Lysine, Hydrochloride	91.2500		
L-Methionine	17.2400	17.2400	17.2400
L-Phenylalanine	35.4800	35.4800	25.4800
L-Proline	17.2500	17.2500	17.2500
L-Serine	26.2500	26.2500	26.2500
L-Threonine	53.4500	53.4500	53.4500
L-Tryptophan	9.0200	9.0200	9.0200
L-Tyrosine, Disodium, Dihydrate	55.7900	55.7900	55.7900
L-Valine	52.8500	52.8500	55.7900



Liquid Media

DFL25

DFL27

DFL28

Inorganic Salts

mg/L

mg/L

mg/L

Calcium Chloride, Anhydrous	116.6000	116.6000	116.6000
Cupric Sulfate, Pentahydrate	0.0013	0.0013	0.0013
Ferric Nitrate, Nonahydrate	0.0500	0.0500	0.5000
Ferrous Sulfate, Heptahydrate	0.4170	0.4170	0.4170
Magnesium Chloride, Anhydrous	28.6100	28.6100	28.6100
Magnesium Sulfate, Anhydrous	48.9300	48.9300	48.9300
Potassium Chloride	311.8000	311.8000	311.8000
Sodium Bicarbonate	1200.0000	2438.0000	1200.0000
Sodium Chloride	6995.5000	6995.5000	1000.0000
Sodium Phosphate Dibasic, Anhydrous	70.9600	70.9600	70.9600
Sodium Phosphate, Monobasic, Monohydrate	62.5000	62.5000	62.5000
Zinc Sulfate, Heptahydrate	0.4320	0.4320	0.4320

Other Components

mg/L

mg/L

mg/L

D-Glucose, Anhydrous	3151.0000	3151.0000	3151.0000
HEPES	3574.5000		
Hypoxanthine, Sodium	2.3900	2.3900	2.3900
Linoleic Acid	0.0420	0.0420	0.0420
Lipoic Acid (DL-Thiolic Acid)	0.1050	0.1050	0.1050
Phenol Red, Sodium Salt		8.1000	8.1000
Putrescine, Dihydrochloride	0.0810	0.0810	0.0810
Pyruvic Acid, Sodium Salt	55.0000	55.0000	
Thymidine	0.3650	0.3650	0.3650



Liquid Media

DFL25

DFL27

DFL28

Vitamins

mg/L

mg/L

mg/L

Biotin	0.0035	0.0035	0.0035
Choline Chloride		8.9800	8.9800
D-Calcium Pantothenate	2.2400	2.2400	2.2400
Folic Acid	2.6500	2.6500	2.6500
Myo-Inositol	12.6000	12.6000	12.6000
Niacinamide	2.0200	2.0200	2.0200
Phloroglucinol			2.0310
Pyridoxine, Hydrochloride	2.0310	2.0310	
Pyruvic Acid, Sodium Salt			55.0000
Riboflavin	0.2190	0.2190	0.2190
Thiamine, Hydrochloride	2.1700	2.1700	2.1700
Vitamin B12	0.6800	0.6800	0.6800