

MCDB - Formulation

	Serum Reduced Media - MCDB	SL-MCDB-500 Liquid mg/l
Amino Acids	Glycine	7.51
	L-Alanine	8.91
	L-Arginine Monohydrochloride	210.7
	L-Asparagine Monohydrate	15
	L-Aspartic Acid	3.99
	L-Cysteine Monohydrochloride Monohydrate	42.04
	L-Glutamic Acid	14.71
	L-Glutamine	877.2
	L-Histidine Monohydrochloride Monohydrate	16.77
	L-Isoleucine	1.968
	L-Leucine	65.6
	L-Lysine Monohydrochloride	18.27
	L-Methionine	4.476
	L-Phenylalanine	4.956
	L-Proline	34.53
	L-Serine	63.06
	L-Threonine	11.91
	L-Tryptophan	3.06
	L-Tyrosine	/
L-Tyrosine Disodium Salt Dihydrate	3.92	
L-Valine	35.13	
Inorganic Salts	Ammonium Metavanadate	/
	Ammonium Molybdate Tetrahydrate	/
	Calcium Chloride Dihydrate	4.411
	Cupric Sulfate Pentahydrate	0.0025
	Ferrous Sulfate Heptahydrate	0.417
	Magnesium Chloride Hexahydrate	122
	Magnesium Sulfate Anhydrous	/
	Magnesium Sulfate Heptahydrate	/
	Manganese Sulfate Monohydrate	/
	Nickel Chloride Hexahydrate	/
	Potassium Chloride	111.83
	Potassium Phosphate Monobasic Anhydrous	/
	Sodium Acetate Anhydrous	301.53
	Sodium Bicarbonate	1176
	Sodium Chloride	7599
	Sodium Metasilicate Nonahydrate	/
Sodium Phosphate Dibasic Anhydrous	284.088	
Sodium Selenite	/	
Stannous Chloride Dihydrate	/	
Zinc Sulfate Heptahydrate	0.863	
Vitamins	Choline Chloride	13.96
	D-Biotin	0.0146
	D-Ca Pantothenate	0.238
	Folic Acid	0.79
	Myo-Inositol	18.02
	Nicotinamide	0.0366
	Pyridoxine Hydrochloride	0.0617
	Riboflavin	0.0376
	Thiamine Hydrochloride	0.337
Vitamin B12	0.407	
O.C.*	Adenine Monohydrochloride	30.88
	D-Glucose Anhydrous	1081
	Hepes Free Acid	6600
	Linoleic Acid	/
	Phenol Red Sodium Salt	1.242
	Putrescine + 2HCl	0.1611
	Sodium Pyruvate	55
	Thioctic Acid	0.2063
Thymidine	0.727	

\*Other Components