

<i>Phyto</i> Technology Laboratories® www.phytotechlab.com All components expressed in mg/L © 2014 <i>Phyto</i> Technology Laboratories	Bacteria Screening Medium 523	Corn Meal Agar	Czapek-Dox Broth	Czapek-Dox Agar	Hanahan's Broth (SOB Medium)	King's B Medium	LB Broth Solution, Miller Modification (1X)	LB Agar, Miller Modification	LB Broth, Miller Modification	Leifert & Waites Sterility Test Medium	LB Broth, Lennox L Modification	LB Broth Solution, Lennox L Modification (1X)	LB Broth Solution w/ Glycerol, Lennox L Modification (1X)	LB Agar, Lennox L Modification	LB Broth, Lennox L Modification
COMPONENT	B129	C442	C443	C506	H289	K5013	L301	L465	L475	L476	L543	L585	L591	L5128	L5138
Ammonium Chloride															
Ammonium Nitrate										825.00					
Ammonium Phosphate, Monobasic															
Boric Acid										3.10					
Calcium Chloride, Anhydrous										166.10					
Cobalt Chloride·6H ₂ O										0.0125					
Cupric Sulfate·5H ₂ O										0.0125					
Na ₂ EDTA Dihydrate										18.63					
FeNaEDTA															
Ferrous Sulfate·7H ₂ O			10.00	10.00						13.90					
Magnesium Sulfate			500.00	500.00	2,400.00	730.00				90.35					
Magnesium Sulfate·7H ₂ O	150.00														
Manganese Sulfate·H ₂ O										8.45					
Molybdc Acid (Sodium Salt)·2H ₂ O										0.125					
Potassium Chloride			500.00	500.00	186.00										
Potassium Iodide										0.415					
Potassium Nitrate										950.00					
Potassium Phosphate, Dibasic			1,000.00	1,000.00		1,500.00									
Potassium Phosphate, Monobasic	2,000.00									85.00					
Sodium Chloride					500.00		10,000.00	10,000.00	10,000.00	2,000.00		5,000.00	5,000.00	5,000.00	5,000.00
Sodium Nitrate			3,000.00	3,000.00											
Sodium Phosphate, Dibasic															
Sodium Phosphate, Monobasic															
Zinc Sulfate·7H ₂ O										4.30					
Agar	8,000.00	7,000.00		15,000.00		15,000.00		12,000.00						12,000.00	
Casein, Enzymatic Hydrolysate	8,000.00														
Corn Meal, Yellow		15,000.00													
D-Glucose, Anhydrous										5,000.00					
Glycerol (Density = 1.261 g/mL)												5.044			
Glycine (Free Base)										1.00					
Malt Extract															
Maltose															
Meat Extract										7,000.00					
myo-Inositol										50.00					
Nicotinic Acid (Free Acid)										0.25					
Oats, Rolled															
Peptone from Meat						20,000.00				4,000.00					
Peptone from Soymeal															
Potato Infusion Powder															
Pyridoxine·HCl										0.25					
Sucrose	10,000.00		30,000.00	30,000.00						15,000.00					
Thiamine·HCl										0.05					
Tris Base															
Tryptone					20,000.00		10,000.00	10,000.00	10,000.00			10,000.00	10,000.00	10,000.00	10,000.00
Yeast Extract	4,000.00				5,000.00		5,000.00	5,000.00	5,000.00	10,000.00		5,000.00	5,000.00	5,000.00	5,000.00
Grams of powder to prepare 1 liter	32.15	22.00	35.01	50.01	28.09	37.23	N/A	37.00	25.00	45.22		NA	NA	32.00	20.00
pH±0.5 at RT	6.00				6.8-7.2		NS	NS	NS	NS		NS	NS		NS

Product Replaced by L5138

NS = No Specification Established

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COMPONENT	L5190	M484	M498	M580	M5506	M5516	N601	N611	O606	P632	P732	P762	P772	S657
Ammonium Chloride						1,000.00								
Ammonium Nitrate														
Ammonium Phosphate, Monobasic				184.70										
Boric Acid														
Calcium Chloride, Anhydrous				50.00										
Cobalt Chloride·6H ₂ O														
Cupric Sulfate·5H ₂ O														
Na ₂ EDTA Dihydrate														
FeNaEDTA				20.00										
Ferrous Sulfate·7H ₂ O														
Magnesium Sulfate				35.80										2,400.00
Magnesium Sulfate·7H ₂ O						300.00								
Manganese Sulfate·H ₂ O														
Molybdic Acid (Sodium Salt)·2H ₂ O														
Potassium Chloride														186.00
Potassium Iodide														
Potassium Nitrate														
Potassium Phosphate, Dibasic						3,000.00								
Potassium Phosphate, Monobasic				500.00							1,500.00			
Sodium Chloride	5,000.00			25.00						5,000.00	5,000.00			500.00
Sodium Nitrate														
Sodium Phosphate, Dibasic											3,500.00			
Sodium Phosphate, Monobasic						1,150.00								
Zinc Sulfate·7H ₂ O														
Agar			15,000.00	7,000.00	15,000.00	15,000.00	15,000.00		7,000.00				15,000.00	
Casein, Enzymatic Hydrolysate														
Corn Meal, Yellow														
D-Glucose, Anhydrous					6,000.00							20,000.00	20,000.00	3,600.00
Glycerol (Density = 1.261 g/mL)														
Glycine (Free Base)														
Malt Extract		17,000.00	30,000.00	3,000.00	6,000.00									
Maltose					1,800.00									
Meat Extract							3,000.00	3,000.00						
myo-Inositol														
Nicotinic Acid (Free Acid)														
Oats, Rolled									3,500.00					
Peptone from Meat		3,000.00	3,000.00				5,000.00	5,000.00		10,000.00	10,000.00			
Peptone from Soymeal	14,000.00													
Potato Infusion Powder												4,000.00	4,000.00	
Pyridoxine·HCl														
Sucrose				10,000.00										
Thiamine·HCl				0.10										
Tris Base														
Tryptone														20,000.00
Yeast Extract	5,000.00				1,200.00									5,000.00
Grams of powder to prepare 1 liter	24.00	20.00	48.00	20.82	30.00	20.45	23.00	8.00	10.50	N/A	N/A	24.00	39.00	31.69
pH±0.5 at RT		NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	7.0

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COMPONENT	S7478	S7536	T752	T754	T760	T7900	T8000	X8454	Y889	Y8480	Y8488	Y8565
Ammonium Chloride												
Ammonium Nitrate												
Ammonium Phosphate, Monobasic												
Boric Acid												
Calcium Chloride, Anhydrous												
Cobalt Chloride·6H ₂ O												
Cupric Sulfate·5H ₂ O												
Na ₂ EDTA Dihydrate			370.00									
FeNaEDTA												
Ferrous Sulfate·7H ₂ O												
Magnesium Sulfate												
Magnesium Sulfate·7H ₂ O												
Manganese Sulfate·H ₂ O												
Molybdic Acid (Sodium Salt)·2H ₂ O												
Potassium Chloride												
Potassium Iodide												
Potassium Nitrate												
Potassium Phosphate, Dibasic				9,400.00	9,400.00		2,500.00					
Potassium Phosphate, Monobasic	100.00			2,200.00	2,200.00							
Sodium Chloride						5,000.00	5,000.00		5,000.00	5,000.00		5,000.00
Sodium Nitrate												
Sodium Phosphate, Dibasic												
Sodium Phosphate, Monobasic												
Zinc Sulfate·7H ₂ O												
Agar	15,000.00							15,000.00	15,000.00	15,000.00		
Casein, Enzymatic Hydrolysate												
Corn Meal, Yellow	2,000.00											
D-Glucose, Anhydrous	7,000.00	40,000.00					2,500.00	5,000.00			10,000.00	
Glycerol (Density = 1.261 g/mL)				5.044								
Glycine (Free Base)												
Malt Extract											3,000.00	
Maltose												
Meat Extract								3,000.00				
myo-Inositol												
Nicotinic Acid (Free Acid)												
Oats, Rolled												
Peptone from Meat		10,000.00						5,000.00	10,000.00		5,000.00	10,000.00
Peptone from Soymeal						5,000.00	3,000.00			15,000.00		
Potato Infusion Powder												
Pyridoxine·HCl												
Sucrose	10,000.00											
Thiamine·HCl												
Tris Base			1,210.00									
Tryptone				11,800.00	11,800.00	15,000.00	17,000.00					
Yeast Extract	1,000.00			23,600.00	23,600.00				10,000.00	10,000.00	3,000.00	10,000.00
Grams of powder to prepare 1 liter	35.10	50.00	N/A	N/A	47.00	25.00	30.00	28.00	40.00	45.00	21.00	25.00
pH±0.5 at RT				NS	NS				NS			

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