

<b>Phyto Technology Laboratories®</b> www.phytotechlab.com  All components expressed in mg/L  © 2009 <i>Phyto</i> Technology Laboratories®	Bacteria Screening Medium 523	Corn Meal Agar	Czapek-Dox Broth	Czapek-Dox Agar	Hanahan's Broth	LB Agar (Luria-Bertani Agar)	LB Broth (Luria-Bertani Broth)
<b>COMPONENT</b>	<b>B129</b>	<b>C442</b>	<b>C443</b>	<b>C506</b>	<b>H289</b>	<b>L465</b>	<b>L475</b>
Ferrous Sulfate-7H <sub>2</sub> O			10.00	10.00			
Magnesium Sulfate			500.00	500.00	2,400.00		
Magnesium Sulfate-7H <sub>2</sub> O	150.00						
Potassium Chloride			500.00	500.00	186.00		
Potassium Phosphate, Dibasic			1,000.00	1,000.00			
Potassium Phosphate, Monobasic	2,000.00						
Sodium Chloride					500.00	10,000.00	10,000.00
Sodium Nitrate			3,000.00	3,000.00			
Agar	8,000.00	7,000.00		15,000.00		12,000.00	
Casein, Enzymatic Hydrolysate	8,000.00						
Corn Meal, Yellow		15,000.00					
Sucrose	10,000.00		30,000.00	30,000.00			
Tryptone					20,000.00	10,000.00	10,000.00
Yeast Extract	4,000.00				5,000.00	5,000.00	5,000.00
Grams of powder to prepare 1 liter	32.15				49.69	37.00	25.00
pH±0.5 at RT	6.00				6.8-7.2	NS	NS

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<b>COMPONENT</b>	<b>L476</b>	<b>L543</b>	<b>L552</b>	<b>L585</b>	<b>L591</b>	<b>M484</b>	<b>M498</b>
Ammonium Nitrate	825.00						
Boric Acid	3.10						
Calcium Chloride, Anhydrous	166.10						
Cobalt Chloride·6H <sub>2</sub> O	0.01						
Cupric Sulfate·5H <sub>2</sub> O	0.01						
Na <sub>2</sub> EDTA	18.63						
Ferrous Sulfate·7H <sub>2</sub> O	13.90						
Magnesium Sulfate	90.35						
Manganese Sulfate·H <sub>2</sub> O	8.45						
Molybdc Acid (Sodium Salt)·2H <sub>2</sub> O	0.13						
Potassium Iodide	0.42						
Potassium Nitrate	950.00						
Potassium Phosphate, Monobasic	85.00						
Sodium Chloride	2,000.00	5,000.00	5,000.00	5,000.00	5,000.00		
Zinc Sulfate·7H <sub>2</sub> O	4.30						
Agar			12,000.00				15,000.00
D-Glucose, Anhydrous	5,000.00						
Glycerol (Density = 1.261 g/mL)					5.04		
Glycine (Free Base)	1.00						
Malt Extract						17,000.00	30,000.00
Meat Extract, LabLemco	7,000.00						
myo-Inositol	50.00						
Nicotinic Acid (Free Acid)	0.25						
Peptone from Meat	4,000.00					3,000.00	3,000.00
Pyridoxine·HCl	0.25						
Sucrose	15,000.00						
Thiamine·HCl	0.05						
Tryptone		10,000.00	10,000.00	10,000.00	10,000.00		
Yeast Extract	10,000.00	5,000.00	5,000.00	5,000.00	5,000.00		
Grams of powder to prepare 1 liter	45.20	20.00	32.00	NA	NA	20.00	48.00
pH±0.5 at RT	NS	NS	NS	NS	NS	NS	NS

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COMPONENT	M580	N601	N611	O606	P632	P732	P762	P772	
Ammonium Phosphate, Monobasic	184.70								
Calcium Chloride, Anhydrous	50.00								
FeNaEDTA	20.00								
Magnesium Sulfate	35.80								
Potassium Phosphate, Monobasic	500.00					1,500.0			
Sodium Chloride	25.00				5,000.0	5,000.0			
Sodium Phosphate, Dibasic						3,500.0			
Agar	7,000.0	15,000.0		7,000.0				15,000.0	
D-Glucose, Anhydrous							20,000.0	20,000.0	
Malt Extract	3,000.0								
Meat Extract, LabLemco		3,000.0	3,000.0						
Oats, Rolled				3,500.0					
Peptone from Meat		5,000.0	5,000.0		15,000.0	10,000.0			
Potato Powder							4,000.0	4,000.0	
Sucrose	10,000.0								
Thiamine·HCl	0.10								
Grams of powder to prepare 1 liter	20.82	23.00	8.00	10.50	20.00	20.00	24.00	39.00	
pH±0.5 at RT	NS	NS	NS	NS	NS	NS	NS	NS	

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	<b>COMPONENT</b>	<b>S657</b>	<b>T754</b>	<b>T760</b>	<b>W887</b>	<b>Y889</b>
Magnesium Sulfate	2,400.00					200.00
Potassium Chloride	186.00					
Potassium Phosphate, Dibasic		9,400.00	9,400.00			500.00
Potassium Phosphate, Monobasic		2,200.00	2,200.00			
Sodium Chloride	500.00			5,000.00	5,000.00	100.00
Agar				10,000.00	15,000.00	15,000.00
L-Arginine (Free Base)				1,000.00		
D-Glucose	3,600.00			1,000.00		
Glycerol (Density = 1.261 g/mL)		5.04				
Haemin				5.00		
Mannitol						10,000.00
Menadione				0.50		
Peptone from Meat					10,000.00	
Peptone from Gelatin				10,000.00		
Pyruvic Acid				1,000.00		
Tryptone	20,000.00	11,800.00	11,800.00	10,000.00		
Yeast Extract	5,000.00	23,600.00	23,600.00	5,000.00	10,000.00	400.00
Grams of powder to prepare 1 liter	NA	NA	47.00	43.01	40.00	26.20
pH±0.5 at RT	7.00	NS	NS	NS	NS	NS

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