

TECHNICAL SHEET

B1203	LEGIONELLA ENRICHMENT BROTH BASE				
Formula					
Ingredients :		gms/lit.			
Yeast extract		5.00			
Proteose Peptone		15.00			
Liver extract		2.50			
Sodium chloride		5.00			
Final pH (at 25°C) : 6.9 ± 0.2					
Directions :					
Suspend 13.75 grams in 500 ml distilled water. Heat if necessary to dissolve the medium completely. Sterilise by autoclaving at 121°C. for 15 minutes. Cool to 50°C and aseptically add rehydrated contents of 1 vial of Legionella growth supplement (BF 115). Mix well and dispense.					
Principle :					
Yeast-extract, Proteose peptone and liver extract provide necessary nitrogenous nutrients for Legionella growth. Sodium chloride maintains osmotic equilibrium.					
QC Tests – (I) Dehydrated Medium					
Colour :		Yellowish			
Appearance :		Homogeneous Free Flowing powder			
(II) Rehydrated medium					
Color :		Yellowish clear solution			
(III) Q.C. Test Microbiological					
Cultural characteristics observed after 18 – 24 hrs.at 35 – 37°C.					
MICROORGANISM (ATCC)		GROWTH			
Legionella pneumohila(33153)		Good to excellent			
Legionella dumoffi(33343)		--do--			
Precautions :					
1. For Laboratory Use. 2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.					
Limitations :					
1. Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.					
Use :					
With addition of supplements it is used for cultivation of Legionella spp.					
Storage :					
Dehydrated medium- below 30°C Prepared medium- Between 2 to 8°C.					
Packing :					
500 gm. bottle					
Product profile:					
	Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B1203	27.5 g/l	18.18 lit	6.9 ± 0.2	Legionella growth supplement (BF 115).	121°C/15 min

Disclaimer:

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