

TECHNICAL SHEET

B1235	NEUTRALIZING BUFFER					
Formula						
Ingredients :		gms/lit.				
Monopotassium phosphate		0.0425				
Sodium thiosulphate		0.160				
Aryl sulphonate complex		5.009				
Final pH (at 25°C) : 7.2 ± 0.2						
Directions :						
Suspend 5.2 grams in 1000 ml distilled water. Heat if necessary, to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Mix well and dispense as desired.						
Principle :						
Monopotassium phosphate buffers the medium well. The aryl sulphonate complex neutralizes the effect of quaternary ammonium compounds while sodium thiosulphate inactivates the effect of chlorine compounds						
QC Tests – (I) Dehydrated Medium						
Colour :		White to cream				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		7.2 ± 0.2				
Colour (post autoclaving/heating) :		Colourless				
Clarity (post autoclaving/heating) :		Clear to slightly opalescent solution				
(III) Q.C. Test Microbiological						
Cultural characteristics observed when subcultured on Tryptone Glucose Extract Agar (B790), after an incubation at 35-37°C for 18-24 hours.						
MICROORGANISM (ATCC)		GROWTH				
Enterococcus faecalis (29212)		Luxuriant				
Staphylococcus aureus(25923)		Luxuriant				
Salmonella typhimurium (14028)		Luxuriant				
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 :		It is used for detection of microorganisms found on dairy and food equipments disinfected with chlorine or quaternary ammonium compounds.				
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
B1235		5.2 g/l	96.15L	7.2 ± 0.2	NIL	121°C / 15 minutes

Disclaimer:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARK LABORATORIES publications.

The information contained in this publication is based on our in-house studies and market performance and is to the best of our knowledge true and accurate. BIOMARK LABORATORIES reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.