

TECHNICAL SHEET

B879	M-DEXTROSE TRYPTOSE BROTH					
Formula						
Ingredients :		gms/lit.				
Casein enzymic hydrolysate		20.00				
Dextrose		10.00				
Bromo cresol purple		0.04				
Final pH (at 25°C) : 6.7 ± 0.2						
Directions :						
Suspend 30 gms. in 1000ml distilled water. Heat to dissolve the medium completely. Dispense as desired and sterilized by autoclaving at 15lbs pressure (121°C) for 15 minutes. Colour change of the medium from purple to yellow is due to acid production from dextrose.						
Principle :						
Casein enzymic hydrolysate supplies essential growth nutrients. Dextrose is the fermentable carbohydrate and bromo cresol purple acts as pH indicator.						
QC Tests - (I) Dehydrated Medium						
Colour :		Greenish yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		6.7 ± 0.2				
Colour (post autoclaving/heating) :		Purple				
Clarity (post autoclaving/heating) :		Clear				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 36-48 hrs.at 55°C in humid atmosphere.						
MICROORGANISM (ATCC)		GROWTH				
Bacillus stearothermophilus (7953)		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 :		For detection and cultivation of thermophilic 'flat sour' microorganisms from food preparations using membrane filter technique.				
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
B879		30g/l	16.66L	6.7 ± 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 BIOMARKLABORATORIES 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.