

TECHNICAL SHEET

B1105	TRYPTONE SOYA SALT AGAR W/ MAGNESIUM SULPHATE					
Formula						
Ingredients:		gms/lit.				
Casein enzymic hydrolysate		50.00				
Papaic digest of soyabean meal		5.00				
Sodium chloride		30.00				
Magnesium sulphate		1.50				
Agar		15.00				
Final pH (at 25°C) : 7.3± 0.2						
Directions :						
Suspend 10.15 gms. in 100ml. distilled water. Boil to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.						
Principle :						
Casein enzymic hydrolysate and papaic digest of soyabean meal provide the nitrogenous compounds and other growth factors for the growth of <i>Vibrio parahaemolyticus</i> . The medium contains high salt concentration to meet requirement of <i>Vibrio</i> species from seafood.						
QC Tests - (I) Dehydrated Medium						
Colour :		Light yellow				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		7.3 ± 0.2				
Colour (post autoclaving/heating) :		Yellow				
Clarity (post autoclaving/heating) :		Clear to slightly opalescent				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 18 -24 hrs at 42°C.						
MICROORGANISM (ATCC)		GROWTH				
Vibrio parahaemolyticus (17802)		Good - luxuriant				
Vibrio alginolyticus (17749)		Good - luxuriant				
Vibrio vulnificus (29306)		Good - 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 enumeration of <i>Vibrio parahaemolyticus</i> from seafood by 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
B1105	101.5g/l	4.926L	7.3 ± 0.2	NIL	121°C /15 min.	

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.

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