

BIOMARK Laboratories-INDIA
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TECHNICAL SHEET

B1803	Glucose asparagine agar					
Formula						
Ingredients :		gms/lit.				
Glucose		10.00				
L -asparagine		0.50				
Dipotassium hydrogen phosphate		0.50				
Agar		15.00				
Final pH (at 25°C): 6.9± 0.1						
Directions :						
Suspend 26 grams in 1000 ml distilled water. Boil to dissolve the medium completely. Dispense as desired and sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 45-50°C. medium. Mix well and pour into sterile Petri plates.						
Principle :						
This medium provides consistent and reproducible characteristic features of <i>Nocardioides</i> species. Glucose acts as carbon source while asparagine is the amino acid source for the growth of <i>Nocardioides</i> species. Dipotassium phosphate buffers the medium. Agar is added as a solidifying agent.						
QC Tests - (I) Dehydrated Medium						
Colour :		Off whiteto cream				
Appearance :		Homogeneous Free Flowing powder				
(II) Rehydrated medium						
pH (post autoclaving/heating) :		6.9 ± 0.1				
Colour (post autoclaving/heating) :		Off whiteto cream				
Clarity (post autoclaving/heating) :		Slightly opalascnt				
(III) Q.C. Test Microbiological						
Cultural characteristics observed after 8-10 days at 25 - 30°C.						
MICROORGANISM (ATCC)		GROWTH				
Nocardioides albus (27980)		Good – luxuriant				
Nocardioides albus (43080)		Good – luxuriant				
Nocardioides albus (43081)		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:		Recommended for cultivation of <i>Nocardioides albus</i> .				
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
B1803		26g/l	19.23L	6.9 ± 0.1	NIL	121°C / 15 minutes

Refer disclaimer Overleaf

Page 01 of 02

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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