BIOMARK Laboratories-INDIA

www.biomarklabs.com

TECHNICAL SHEET

B1425	**NUTRIENT AGAR with Nacl**
Formula	
Ingredients :	**gms/lit.**
Peptone	5.00
Meat extract B#	1.00
Yeast extract	2.00
Sodium chloride	5.00
Agar	15.00
#- Equivalent to Beef extract	

Final pH (at 25°C) : 7.4 ± 0.2

Directions :

Suspend 28 gms. 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.

Principle :

Nutrient Agar contains Meat Extract B and Peptone as carbon and nitrogen sources for general growth requirements. Yeast extract provides essential vitamins. Agar is added as a solidifying agent.

QC Tests – (I)Dehydrated Medium		
	Colour :	Cream to yellow
	Appearance :	Homogeneous Free Flowing powder
(II)Rehydrated medium		
	pH (post autoclaving/heating) :	7.4 ± 0.2
	Colour (post autoclaving/heating) :	Cream to light amber
	Clarity (post autoclaving/heating) :	Clear
(III)Q.C. Test Microbiological		
	Cultural characteristics observed after 18 - 48 hrs at 35 - 37°C.	

	MICROORGANISM (ATCC)	GROWTH
	Escherichia coli (25922)	Good – luxuriant
	Pseudomonas aeruginosa (27853)	Good – luxuriant
	Staphylococcus aureus (25923)	Good – luxuriant
	Streptococcus pyogenes (19615)	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 cultivation of less fastidious microorganisms,can be enriched with blood or other biological fluids.The Nutrient Agar with NaCl formulation meets the requirements given by EN 12780 for sub culturing Pseudomonas colonies for identification tests.
Storage :	Dehydrated medium- below 30°CPrepared medium– Between 2 to 8°C.
Packing :	500 gm. bottle

Product profile:	Reconstitution	Quantity on Preparation (500g)	pH (25°C)	Supplement	Sterilization
B1425	28g/l	17.857L	7.4 ± 0.2	NIL	121^0C / 15 minutes

BIOMARK Laboratories-INDIA

www.biomarklabs.com

TECHNICAL SHEET

Refer disclaimer Overleaf

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.