



Sisco Research
Laboratories
Pvt. Ltd.

Product Datasheet
and Specification

24301

Antibiotic Assay Medium No. 8 (Base Agar
w/Low pH)

Part D

Specifications		
Appearance (Colour)	Beige	
Appearance (Form)	Free flowing, homogeneous powder.	
Solubility	25.50 gm/liter	
Solubility before autoclaving (Clarity)	Slightly opalescent	
Gel strength	Firm, comparable with 1.5 % agar gel.	
pH (25°C)	5.9 ± 0.2	
Prepared Medium Appearance after autoclaving (Clarity)	Very Slightly opalescent.	
Prepared Medium Appearance after autoclaving (Colour)	Light to medium amber.	
Cultural Response	As mentioned in United States Pharmacopeia. After addition of desired antibiotic solutions incubate the plates at 35 ± 2°C for 18-24 hours.(Cylinder plate assay method) Observe the plates for zone of inhibition around the punched holes. Compare the zone sizes with the zone sizes of the reference antibiotic.	
Organism	Bacillus subtilis ATCC 6633	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0% Antibiotics Assayed : Vancomycin	

Other Information	
Applications	
For microbiological assay testing of Tetracycline, Vancomycin, Oxytetracycline, etc.	
Composition	
Ingredients	gms/lt.
Peptone	6.00
Beef extract	1.50
Yeast extract	3.00
Agar	15.00
Directions	
1. Add 25.50 gm powder to distilled/purified water.	
2. Bring volume to 1.0 liter and mix thoroughly.	
3. Gently heat and bring to boiling.	
4. Autoclave at 15 psi pressure at 121°C for 15 minutes.	
5. Dispense into sterile petri plates.	

General Information

Storage	8 to 25°C (Cool & Dry Area)
Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)

Available Packages

100 Gms
500 Gms

Disclaimer

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608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srlchem.com, website www.srlchem.com