



**SISCO  
RESEARCH  
LABORATORIES  
PVT. LTD.**

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# Certificate of Analysis

<b>Product</b>	<b>12995 - Buffered Peptone Water w/ NaCl</b>
<b>Batch No</b>	<b>2103092</b>
<b>Analysis Date</b>	05-Feb-2024
<b>Date of Manufacture</b>	February 2024
<b>Expiry Date/Re-Test Date</b>	February 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	16.09 gms/liter	Complies
Solubility before autoclaving (Clarity)	Clear	Complies
pH (25°C)	7.0 ± 0.2	6.94, Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear without any precipitate	Complies
Prepared Medium Appearance after autoclaving (Colour)	Colourless	Complies
Cultural Response	Colony characteristics observed after recovery on Soybean Casein Digest Agar (33291) after an incubation at 30-35°C for 18-24 hours for bacteria and Sabouraud Dextrose Agar (28055) at 30-35°C for 24-48 hours .	
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Recovery within 2 hours incubation : no decrease in colony count Recovery within 4 hours incubation : no decrease in colony count Recovery within 24 hours incubation : no decrease in colony count	Complies
Organism	Escherichia coli ATCC 8739	
Inoculum (cfu) 10-100	Recovery within 2 hours incubation : no decrease in colony count Recovery within 4 hours incubation : no decrease in colony count Recovery within 24 hours incubation : no decrease in colony count	Complies

FRM/82/11/3/12995 Rev No. 2 Date 11/01/2022

Prepared by Shikha

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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Test Parameters	Standards	Actual Results
Organism	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Recovery within 2 hours incubation : no decrease in colony count Recovery within 4 hours incubation : no decrease in colony count Recovery within 24 hours incubation : no decrease in colony count	Complies
Organism	Staphylococcus aureus ATCC 6538	
Inoculum (cfu) 10-100	Recovery within 2 hours incubation : no decrease in colony count Recovery within 4 hours incubation : no decrease in colony count Recovery within 24 hours incubation : no decrease in colony count	Complies
Organism	Pseudomonas aeruginosa ATCC 27853	
Inoculum (cfu) 10-100	Recovery within 2 hours incubation : no decrease in colony count Recovery within 4 hours incubation : no decrease in colony count Recovery within 24 hours incubation : no decrease in colony count	Complies
Organism	Pseudomonas aeruginosa ATCC 9027	
Inoculum (cfu) 10-100	Recovery within 2 hours incubation : no decrease in colony count Recovery within 4 hours incubation : no decrease in colony count Recovery within 24 hours incubation : no decrease in colony count	Complies
Organism	Salmonella typhimurium ATCC 14028	

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### Test Parameters

### Standards

### Actual Results

Inoculum (cfu) 10-100	Recovery within 2 hours incubation : no decrease in colony count Recovery within 4 hours incubation : no decrease in colony count Recovery within 24 hours incubation : no decrease in colony count	Complies
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Organism	Bacillus subtilis ATCC 6633	
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Inoculum (cfu) 10-100	Recovery within 2 hours incubation : no decrease in colony count Recovery within 4 hours incubation : no decrease in colony count Recovery within 24 hours incubation : no decrease in colony count	Complies
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Organism	Candida albicans ATCC 10231	
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Inoculum (cfu) 10-100	Recovery within 2 hours incubation : no decrease in colony count Recovery within 4 hours incubation : no decrease in colony count Recovery within 24 hours incubation : no decrease in colony count	Complies
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