SISCO RESEARCH LABORATORIES PVT. LTD.

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Certificate of Analysis

Product	**20407 - Tryptone Soya Agar (TSA) (Soyabean Casein Digest Agar, SCDA)**
Batch No	**7400810**
Analysis Date	18-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light cream	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	40.00 gm/liter	Complies
Solubility before autoclaving (Clarity)	Very slightly opalescent	Complies
Gel strength (1.5% gel)	Firm, comparable with 1.5% agar gel	Complies
pH (25°C)	7.3 ± 0.2	7.24 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Light amber to medium amber	Complies
Cultural Response	Inoculate and incubate at 37°C for 18 - 24 hours	
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies
Organism	Bacillus subtilis ATCC 6633	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies
Organism	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies
Organism	Bacteroides vulgatus ATCC 8482	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies
Organism	Streptococcus pyogenes ATCC 19615	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%	Complies
Organism	Candida albicans ATCC 10231	

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