



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product **85908 - Arginine Dihydrolase Broth**
Batch No **4459149**
Analysis Date 29-Jan-2024
Date of Manufacture January 2024
Expiry Date/Re-Test Date January 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Cream to Yellowish-grey	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	19.31 gm /liter	Complies
Solubility before autoclaving (Clarity)	Clear to slightly opalescent	Complies
pH (25°C)	6.0 ± 0.2	6.20, Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to very slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	Purple	Complies
Cultural Response	Inoculate and incubate at 35°C -37°C for 18-24 hours.	
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth : Good Motility : (+)ve Arginine dihydrolyase : positive reaction,purple clour	Complies
Organism	Proteus vulgaris ATCC 13315	
Inoculum (cfu) 10-100	Growth : Good Motility : (+)ve Arginine dihydrolyase : negative reaction, yellow colour or no colour change	Complies
Organism	Enterobacter aerogenes ATCC 13048	
Inoculum (cfu) 10-100	Growth : Good Motility : (+)ve Arginine dihydrolyase : negative reaction, yellow colour or no colour change	Complies

FRM/82/11/3/85908 Rev No. 2 Date 16/12/2023

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	Salmonella serotype Typhi ATCC 6539	
Inoculum (cfu) 10-100	Growth : Good Motility : (+)ve Arginine dihydrolyase : positive reaction, purple clour	Complies
Organism	Klebsiella pneumoniae ATCC 13883	
Inoculum (cfu) 10-100	Growth : Good Motility : (-)ve Arginine dihydrolyase : negative reaction, yellow colou or no colour change	Complies
Key	Motility : (+)ve : positive, growth away from stabline (-)ve : negative, growth alongwith stabline	

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