

CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY



Product Name: Urea Broth Medium	
Product Code: DM284I	Expiry Date : 18/02/2021
Lot Number: 01010216	Release Date: 18/02/2016
Analytical Report Number: QAD/AR-16/02-313	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Light yellow to light pink colored powder	Light yellow to light pink colored powder	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Yellowish orange colored Solution	Yellowish orange colored Solution	Complies
Clarity of medium (After sterilization)	Clear solution in tubes	Clear solution in tubes	Complies
pH (After sterilization)	6.60-7.00 at 25°C	6.73	Complies
Gel strength	Not Applicable	Not Applicable	Complies

CULTURAL PARAMETERS:

Cultural characteristics observed on addition of sterile 40% Urea solution (MS031) after an incubation at 35-37°C for 18-24 hours.

Organisms	Incubation time/ temp	No. of organisms inoculated	Urease	Remarks
<i>Enterobacter aerogenes</i> ATCC 13048	35-37°C/ 18-24hrs	70	Negative reaction, no change	Complies
<i>Escherichia coli</i> ATCC 25922	35-37°C/ 18-24hrs	94	Negative reaction, no change	Complies
<i>Klebsiella pneumoniae</i> ATCC 13883	35-37°C/ 18-24hrs	67	Positive reaction, cerise color	Complies
<i>Proteus vulgaris</i> ATCC 13315	35-37°C/ 18-24hrs	77	Positive reaction, cerise color	Complies
<i>Salmonella Typhimurium</i> ATCC 14028	35-37°C/ 18-24hrs	68	Negative reaction, no change	Complies

Rev. 00

10/12/2014

QAD/FR/01

Micromaster Laboratories Pvt. Ltd.
Manufacture & Exporter

Culturing your needs in Microbiology...

38/39, Kalpataru Industrial Estate, Opp Lawkim, Off. Ghodbunder Rd.,
Near Runwal Estate, Thane (W) 400 607, Maharashtra, INDIA.
Ph: +91-22-2589 5505, 4760, 4681, 9320126789
Email: micromaster@micromasterlab.com



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Organisms	Incubation time/ temp	No. of organisms inoculated	Urease	Remarks
<i>Escherichia coli</i> ATCC 8739	35-37°C/ 18-24hrs	89	Negative reaction, no change	Complies
<i>Klebsiella pneumoniae</i> ATCC 10031	35-37°C/ 18-24hrs	60	Positive reaction, cerise color	Complies
<i>Escherichia coli</i> NCTC 9002	35-37°C/ 18-24hrs	83	Negative reaction, no change	Complies
<i>Proteus mirabilis</i> ATCC 25933	35-37°C/ 18-24hrs	83	Positive reaction, cerise color	Complies

Final Results: COMPLIES

This is to certify that this lot passes and it conforms to the above mentioned tests and specifications.

		
TESTED BY (Sneha Daragshetti) MICROBIOLOGIST	CHECKED BY (Swati More) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report

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