

CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY



Product Name: Hugh Leifson Medium	
Product Code: DM370BS	Expiry Date : 11/03/2021
Lot Number: 01980316	Release Date: 11/03/2016
Analytical Report Number: QAD/AR-16/03-467	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Light yellow to bluish green colored powder	Light yellow to bluish green colored powder	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Greenish blue colored medium	Greenish blue colored medium	Complies
Clarity of medium (After sterilization)	Clear to slightly opalescent gel forms in tubes as butts	Clear to slightly opalescent gel formed in tubes as butts	Complies
pH (After sterilization)	6.60-7.00 at 25°C	6.70	Complies
Gel strength	Semisolid as compared to 0.2% Agar gel.	Semisolid as compared to 0.2% Agar gel.	Complies

CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	Motility	Aerobic fermentation	Anaerobic fermentatoin	Remarks
<i>Enterobacter aerogenes</i> ATCC 13048	35-37°C / 18-48 hrs	86	Positive, Growth away from stabline causing turbidity	Acid and gas production, positive reaction	Acid and gas production, positive reaction	Complies
<i>Escherichia coli</i> ATCC 25922	35-37°C / 18-48 hrs	89	Positive, Growth away from stabline causing turbidity	Acid and gas production, positive reaction	Acid and gas production, positive reaction	Complies
<i>Pseudomonas aeruginosa</i> ATCC 27853	35-37°C / 18-48 hrs	90	Positive, Growth away from stabline causing turbidity	Acid production, negative reaction, no colour change	Acid production, positive reaction, yellow color	Complies

Rev. 00

10/12/2014

QAD/FR/01

Micromaster Laboratories Pvt. Ltd.
Manufacture & Exporter

Culturing your needs in Microbiology...

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CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	Motility	Aerobic fermentation	Anaerobic fermentatoin	Remarks
<i>Salmonella Typhi</i> ATCC 6539	35-37°C / 18-48 hrs	72	Positive, Growth away from stabline causing turbidity	Acid and gas production, positive reaction	Acid and gas production, positive reaction	Complies
<i>Shigella sonnei</i> ATCC 25931	35-37°C / 18-48 hrs	64	Negative, growth along the stabline, surrounding medium remains clear	Acid and gas production, positive reaction	Acid production, positive reaction, yellow 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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