



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Phenol Red Mannitol Broth	
Product Code: DM206	Expiry Date : 05/04/2024
Lot Number: 02800419	Release Date: 05/04/2019
Analytical Report Number: QAD/AR-19/04-266	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Light yellow to pink	Light yellow to pink	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Red coloured	Red coloured	Complies
Clarity of medium (After sterilization)	Clear solution without any precipitate	Clear solution without any precipitate	Complies
pH (After sterilization)	7.20-7.60 at 25°C	7.34	Complies
Gel strength	Not Applicable	Not Applicable	Complies

CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Acid	Gas	Remarks
<i>Citrobacter freundii</i> ATCC 8090	35 - 37°C/ 18 – 24hrs.	56	Luxuriant	Positive reaction, yellow colour	Positive reaction	Complies
<i>Escherichia coli</i> ATCC 25922	35 - 37°C/ 18 – 24hrs.	72	Luxuriant	Positive reaction, No colour change	Positive reaction	Complies
<i>Enterobacter aerogenes</i> ATCC 13048	35 - 37°C/ 18 – 24hrs.	75	Luxuriant	Positive reaction, yellow colour	Positive reaction	Complies
<i>Klebsiella pneumoniae</i> ATCC 13883	35 - 37°C/ 18 – 24hrs.	68	Luxuriant	Positive reaction, yellow colour	Positive reaction	Complies

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CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Acid	Gas	Remarks
<i>Proteus vulgaris</i> ATCC 13315	35 - 37°C/ 18 – 24hrs.	71	Luxuriant	Negative reaction, No colour change	Negative reaction	Complies
<i>Salmonella Typhimurium</i> ATCC 14028	35 - 37°C/ 18 – 24hrs.	81	Luxuriant	Positive reaction, yellow colour	Negative reaction	Complies
<i>Shigella flexneri</i> ATCC 12022	35 - 37°C/ 18 – 24hrs.	73	Luxuriant	Positive reaction, yellow colour	Negative reaction	Complies

Final Results: COMPLIES

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

		
TESTED BY (Pooja Sutar) MICROBIOLOGIST	CHECKED BY (Madhavi Sawant) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End of the Report

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