

# CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY



Product Name: Phenol Red Broth Base	
Product Code: DM201	Expiry Date : 13/04/2021
Lot Number: 02560316	Release Date: 13/04/2016
Analytical Report Number: QAD/AR-16/04-585	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Light yellow to pink colored powder	Light yellow to pink colored powder	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Red colored medium	Red colored medium	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	7.25	Complies
Gel strength	Not Applicable	Not Applicable	Complies

## CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	without carbohydrate (Acid)	without carbohydrate (Gas)	with dextrose (Acid)	with dextrose (Gas)	Remarks
<i>Citrobacter freundii</i> ATCC 8090	35 - 37°C/ 18 - 24hrs.	62	Luxuriant	Negative reaction, no color change	Negative reaction	Positive reaction, yellow color	Positive reaction	Complies
<i>Escherichia coli</i> ATCC 25922	35 - 37°C/ 18 - 24hrs.	71	Luxuriant	Negative reaction, no color change	Negative reaction	Positive reaction, yellow color	Positive reaction	Complies
<i>Enterobacter aerogenes</i> ATCC 13048	35 - 37°C/ 18 - 24hrs.	81	Luxuriant	Negative reaction, no color change	Negative reaction	Positive reaction, yellow color	Positive reaction	Complies
<i>Klebsiella pneumoniae</i> ATCC 13883	35 - 37°C/ 18 - 24hrs.	74	Luxuriant	Negative reaction, no color change	Negative reaction	Positive reaction, yellow color	Positive reaction	Complies

Rev. 00

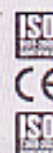
10/12/2014

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	Growth	without carbohydrate (Acid)	without carbohydrate (Gas)	with dextrose (Acid)	with dextrose (Gas)	Remarks
<i>Proteus vulgaris</i> ATCC 13315	35 - 37°C/ 18 - 24hrs.	57	Luxuriant	Negative reaction, no color change	Negative reaction	Positive reaction, yellow color	Positive reaction	Complies
<i>Salmonella Typhi</i> ATCC 6539	35 - 37°C/ 18 - 24hrs.	59	Luxuriant	Negative reaction, no color change	Negative reaction	Positive reaction, yellow color	Positive reaction	Complies
<i>Salmonella Typhimurium</i> ATCC 14028	35 - 37°C/ 18 - 24hrs.	60	Luxuriant	Negative reaction, no color change	Negative reaction	Positive reaction, yellow color	Positive reaction	Complies
<i>Serratia marcescens</i> ATCC 8100	35 - 37°C/ 18 - 24hrs.	67	Luxuriant	Negative reaction, no color change	Negative reaction	Positive reaction, yellow color	Positive reaction	Complies
<i>Shigella flexneri</i> ATCC 12022	35 - 37°C/ 18 - 24hrs.	65	Luxuriant	Negative reaction, no color change	Negative reaction	Positive reaction, yellow color	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 (Soniya Sebastian) MICROBIOLOGIST	CHECKED BY (Swati More) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report

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