



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Tetrathionate Brilliant Green Bile Broth	
Product Code: DM712	Expiry Date : 09/10/2023
Lot Number: 06271018	Release Date: 11/10/2018
Analytical Report Number: QAD/AR-18/09-975	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Light yellow to pale green	Light yellow to pale green	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Bluish green colored	Bluish green colored	Complies
Clarity of medium (After sterilization)	opalescent solution with white precipitate.	opalescent solution with white precipitate.	Complies
pH (After sterilization)	6.80-7.20 at 25°C	7.16 at 25°C	Complies
Gel strength	Not Applicable	Not Applicable	Complies

CULTURAL PARAMETERS:

Cultural characteristics observed when subcultured on MacConkey Agar (DM148) after an incubation at 35-37°C for 18-24 hours.

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Colour of colony	Recovery	Remarks
<i>Escherichia coli</i> ATCC 25922	35-37°C 18-24hrs	62	Fair	Pink to red with bile precipitate	50%	Complies
<i>Salmonella Typhi</i> ATCC 6539	35-37°C 18-24hrs	70	Luxuriant	Colourless	84%	Complies
<i>Salmonella Typhimurium</i> ATCC 14028	35-37°C 18-24hrs	84	Luxuriant	Colourless	80%	Complies
<i>Salmonella Enteritidis</i> ATCC 13076	35-37°C 18-24hrs	72	Luxuriant	Colourless	83%	Complies
<i>Staphylococcus aureus</i> ATCC 25923	35-37°C 18-24hrs	$\geq 10^3$	Inhibited	—	0%	Complies

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Micromaster laboratories Pvt.Ltd
Manufacturer and Exporter
Unit No.38/39, Kalpataru Industrial Estate .Near Runwal Estate,Behind R Mall,
Ghodbunder Road,Thane (W)-400607,Maharashtra,India
[Tel:- +91-22-2589 5505](tel:+91-22-25895505)sales@micromasterlab.com



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CULTURAL PARAMETERS: Cultural characteristics observed when sub cultured on MacConkey Agar (DM148) after incubation at 35-37°C for 18-24 hours.

<i>Staphylococcus aureus</i> ATCC 6538	35-37°C 18-24hrs	$\geq 10^3$	Inhibited	–	0%	Complies
<i>Escherichia coli</i> ATCC 8739	35-37°C 18-24hrs	80	Fair	Pink to red with bile precipitate	40%	Complies
<i>Escherichia coli</i> NCTC 9002	35-37°C 18-24hrs	77	Fair	Pink to red with bile precipitate	40%	Complies
<i>Staphylococcus aureus</i> NCIMB 9518	35-37°C 18-24hrs	$\geq 10^3$	Inhibited	–	0%	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 (Aditi Modak) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report

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