



## CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

<b>Product Name: Tetrathionate Brilliant Green Bile Broth</b>	
<b>Product Code: DM712</b>	<b>Expiry Date : 23/04/2023</b>
<b>Lot Number: 02390418</b>	<b>Release Date: 23/04/2018</b>
<b>Analytical Report Number: QAD/AR-18/04-379</b>	<b>Page No: 1 of 2</b>

<b>DEHYDRATED MEDIUM</b>			
<b>TEST CONDUCTED</b>	<b>SPECIFICATION</b>	<b>OBSERVATIONS</b>	<b>REMARKS</b>
Color	Light yellow to pale green	Light yellow to pale green	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
<b>PREPARED MEDIUM</b>			
<b>TEST CONDUCTED</b>	<b>SPECIFICATION</b>	<b>OBSERVATIONS</b>	<b>REMARKS</b>
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	7.20	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.

<b>Organisms</b>	<b>Incubation time/ temp</b>	<b>No. of organisms inoculated</b>	<b>Growth</b>	<b>Colour of colony</b>	<b>Remarks</b>
<i>Escherichia coli</i> ATCC 25922	35-37°C 18-24hrs	72	Fair	Pink to red with bile precipitate	Complies
<i>Salmonella Typhi</i> ATCC 6539	35-37°C 18-24hrs	74	Luxuriant	Colourless	Complies
<i>Salmonella Typhimurium</i> ATCC 14028	35-37°C 18-24hrs	80	Luxuriant	Colourless	Complies
<i>Salmonella Enteritidis</i> ATCC 13076	35-37°C 18-24hrs	73	Luxuriant	Colourless	Complies
<i>Staphylococcus aureus</i> ATCC 25923	35-37°C 18-24hrs	$\geq 10^3$	Inhibited	–	Complies



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### **CULTURAL PARAMETERS:**

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

<i>Staphylococcus aureus</i> ATCC 6538	35-37°C 18-24hrs	$\geq 10^3$	Inhibited	–	Complies
<i>Escherichia coli</i> ATCC 8739	35-37°C 18-24hrs	85	Fair	Pink to red with bile precipitate	Complies
<i>Escherichia coli</i> NCTC 9002	35-37°C 18-24hrs	73	Fair	Pink to red with bile precipitate	Complies
<i>Staphylococcus aureus</i> NCIMB 9518	35-37°C 18-24hrs	$\geq 10^3$	Inhibited	–	Complies

### **Final Results: COMPLIES**

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

		
<b>TESTED BY (Madhura Kadam) MICROBIOLOGIST</b>	<b>CHECKED BY (Aditi Modak) HEAD MICROBIOLOGY</b>	<b>APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE</b>

End Of The Report