CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Bismuth Sulphite Agar Medium (Twin Pack)	
Product Code: DM039I	**Expiry Date : 03/09/2021**
Lot Number: 05760816	**Release Date: 03/09/2016**
Analytical Report Number: QAD/AR-16/09-1213	**Page No: 1 of 3**

DEHYDRATED MEDIUM			
TEST CONDUCTED	**SPECIFICATION**	**OBSERVATIONS**	**REMARKS**
Color	Part A: Light yellow to greenish yellow powder Part B: White to cream colored powder	Part A: Light yellow to greenish yellow powder Part B: White to cream colored powder	Complies
Consistency	Part A: Homogeneous free flowing powder Part B: homogeneous free flowing powder	Part A: Homogeneous free flowing powder Part B: homogeneous free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	**SPECIFICATION**	**OBSERVATIONS**	**REMARKS**
Color of medium	Greenish yellow colored medium	Greenish yellow colored medium	Complies
Clarity of medium (After sterilization)	Opalescent gel with flocculent precipitate forms in Petri plates	Opalescent gel with flocculent precipitate forms in Petri plates	Complies
pH (After sterilization)	Not Applicable	Not Applicable	Complies
Gel strength	Firm, comparable with 2.4% Agar gel	Firm, comparable with 2.4% Agar gel	Complies

CULTURAL PARAMETERS: Growth Promotion is carried out in accordance with IP. Cultural response was observed after an incubation at 36-38°C for 18-24 hours. Recovery rate is considered as 100% for bacteria growth on Soyabean Casein Digest Agar.

Organisms	Incubation time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage recovery	Growth	Colour of Colony	Remarks
Test for specified microorganism							
Salmonella typhimurium ATCC 14028	36-38°C\ 18 -24 hrs	69	51	74%	Good-luxuriant	Black or green colony	Complies
Salmonella abony NCTC 6017	36-38°C\ 18 -24 hrs	61	44	72%	Good-luxuriant	Black or green colony	Complies

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Organisms	Incubation time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage recovery	Growth	Color of Colony	Remarks
Additional microbiological testing							
Enterobacter aerogenes ATCC 13048	36-38°C\ 18 -24 hrs	76	07	09%	None-poor	Brown-green (depends on the inoculums density)	Complies
Enterococcus faecalis ATCC 29212	36-38°C\ 18 -24 hrs	>=10^3	0	0%	Inhibited	---	Complies
Salmonella enteritidis ATCC 13076	36-38°C\ 18 -24 hrs	67	52	77%	Good-luxuriant	Black or green colony	Complies
Salmonella typhi ATCC 6539	36-38°C\ 18 -24 hrs	55	39	71%	Good-luxuriant	Black or green colony	Complies
Shigella flexneri ATCC 12022	36-38°C\ 18 -24 hrs	74	06	08%	None-poor	Brown	Complies
Escherichia coli ATCC 8739	36-38°C\ 18 -24 hrs	75	05	06%	None-poor	Brown to green, depends on inoculums density	Complies
Escherichia coli ATCC 9002	36-38°C\ 18 -24 hrs	66	04	06%	None-poor	Brown to green, depends on inoculums density	Complies

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Final Results: COMPLIES

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

Soniya	Poojari	Sabale
TESTED BY (Soniya Sebastian) MICROBIOLOGIST	CHECKED BY (Vijayalakshmi Poojari) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report

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