CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: SIM Medium	
Product Code: DM231	**Expiry Date : 23/11/2021**
Lot Number: 08181116	**Release Date: 23/11/2016**
Analytical Report Number: QAD/AR-16/11-1501	**Page No: 1 of 2**

DEHYDRATED MEDIUM			
TEST CONDUCTED	**SPECIFICATION**	**OBSERVATIONS**	**REMARKS**
Color	Cream to beige colored powder	Cream to beige colored powder	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	**SPECIFICATION**	**OBSERVATIONS**	**REMARKS**
Color of medium	Medium amber coloured	Light -Medium amber coloured	Complies
Clarity of medium (after sterilization)	Clear to slightly opalescent gel forms in tubes	Clear to slightly opalescent gel formed in tubes	Complies
pH (after sterilization)	7.10-7.50 at 25°C	7.34 at 25°C	Complies
Gel strength	Semisolid as compared to 0.3% Agar gel	Semisolid as compared to 0.3% Agar gel	Complies

CULTURAL PARAMETERS:

Cultural characteristics observed after an incubation 35 -37°C for 18-24 hours.

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Motility	Indole production (on addition of Kovac's	H_2S	Remarks
Escherichia coli ATCC 5922	35-37°C / 18-24 hrs.	73	Luxuriant	Positive Reaction, growth away from stab line causing turbidity	Positive reaction, red Ring at the Interface of the Medium	Positive reaction, blackening of medium	Complies
Salmonella typhimurium ATCC14028	35-37°C/ 18-24 hrs.	90	Luxuriant	Positive Reaction, growth away from stab line causing turbidity	Negative Reaction	Positive reaction, blackening of medium	Complies

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CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Motility	Indole production (on addition of Kovac's	H_2S	Remarks
Shigella flexneri ATCC 12022	35-37°C / 18-24 hrs.	73	Luxuriant	Negative Reaction, growth along the stabline, surrounding medium remains clear	Negative Reaction	Negative Reaction	Complies
Salmonella Paratyphi A ATCC 9150	35-37°C/ 18-24 hrs.	76	Luxuriant	Positive Reaction, growth away from stab line causing turbidity	Negative Reaction	Negative Reaction	Complies
Salmonella Paratyphi B ATCC 8739	35-37°C / 18-24 hrs.	62	Luxuriant	Positive Reaction, growth away from stab line causing turbidity	Negative Reaction	Positive reaction, blackening of medium	Complies
Klebsiella pneumoniae ATCC 13883	35-37°C / 18-24 hrs.	77	Luxuriant	Negative Reaction, growth along the stabline, surrounding medium remains clear	Negative Reaction	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 (Divya Sasidharan) MICROBIOLOGIST	CHECKED BY (Vijayalakshmi Poojari) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report

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