



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: M-FC Agar Base	
Product Code: DM781	Expiry Date : 23/08/2023
Lot Number: 05050818	Release Date: 23/08/2018
Analytical Report Number: QAD/AR-18/08-800	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Light yellow to greyish yellow	Light yellow to greyish yellow	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	After Addition of 1% Rosolic Acid : Red coloured	After Addition of 1% Rosolic Acid : Red coloured	Complies
Clarity of medium (After sterilization)	slightly opalescent	slightly opalescent	Complies
pH (After sterilization)	7.20 to 7.60 at 25°C.	7.51	Complies
Gel strength	Firm, comparable with 1.5% Agar gel	Firm, comparable with 1.5% Agar gel	Complies

CULTURAL PARAMETERS: Cultural characteristics observed with added 1% Rosolic Acid (MS181) after an incubation at different temperatures for 22-24 hours.

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth at 35-37°C	Growth at 45.5°C	Colour of colony (on membrane filter)	Remarks
<i>Enterococcus faecalis</i> ATCC 29212	35-37°C 22-24hrs	>=10 ³	Inhibited	Inhibited	-	Complies
<i>Escherichia coli</i> ATCC 25922	35-37°C 22-24hrs	91	Good-luxuriant	Good-luxuriant	blue	Complies
<i>Salmonella Typhimurium</i> ATCC 14028	35-37°C 22-24hrs	82	Good-luxuriant	Inhibited	pinkish	Complies
<i>Shigella flexneri</i> ATCC 12022	35-37°C 22-24hrs	70	Good-luxuriant	Inhibited	pinkish	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.

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

End Of The Report