



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Bile Esculin Agar	
Product Code: DM037	Expiry Date: 09/05/2023
Lot Number: 02720518	Release Date: 10/05/2018
Analytical Report Number: QAD/AR-18/05-439	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Light yellow to brownish yellow colored powder	Light yellow to brownish yellow colored powder	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	Remarks
Color of medium	Amber coloured gel with a bluish tinge.	Amber coloured gel with a bluish tinge	Complies
Clarity of medium (After sterilization)	Clear to slightly opalescent gel forms in Petri plates or in tubes as slants	Clear to slightly opalescent gel formed in Petri plates or in tubes as slants.	Complies
pH (After sterilization)	6.6 ± 0.2 at 25°C	6.5	Complies
Gel strength	Firm as compared to 1.5% Agar gel	Firm as compared to 1.5% Agar gel	Complies

CULTURAL PARAMETERS:

Cultural characteristics observed in an increased atmosphere of Carbon dioxide.

Organisms	Incubation time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage Recovery	Growth	Esculin Hydrolysis	Remarks
<i>Enterococcus faecalis</i> ATCC 29212	35-37°C / 18-24 hrs	69	52	75%	Luxuriant	Positive reaction, blackening of medium around the colony	Complies
<i>Proteus mirabilis</i> ATCC 25933	35-37°C / 18-24 hrs.	75	56	74%	Luxuriant	Negative reaction	Complies
<i>Streptococcus pyogenes</i> ATCC 19615	35-37°C / 18-24 hrs.	73	01	01%	None- poor	Negative reaction	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