CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Bile Esculin Agar	
Product Code: DM037	**Expiry Date: 12/10/2023**
Lot Number: 06351018	**Release Date: 13/10/2018**
Analytical Report Number: QAD/AR-18/09-995	**Page No: 1 of 1**

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^{o}C	6.9	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**
Enterococcus faecalis ATCC 29212	35-37°C / 18-24 hrs	81	75	92%	Luxuriant	Positive reaction, blackening of medium around the colony	Complies
Proteus mirabilis ATCC 25933	35-37°C / 18-24 hrs.	85	70	82%	Luxuriant	Negative reaction	Complies
Streptococcus pyogenes ATCC 19615	35-37°C / 18-24 hrs.	74	11	14%	None-poor	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 (Pooja Sutar) MICROBIOLOGIST	**CHECKED BY (Aditi Modak) HEAD MICROBIOLOGY**	**APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE**

End Of The Report

Micromaster laboratories Pvt.Ltd
Manufacturer and Exporter
Unit No.38/39, Kalpataru Industrial Estate .Near Runwal Estate,Behind R Mall,
Ghodbunder Road,Thane (W)-400607,Maharashtra,India
Tel:- +91-22-2589 5505sales@micromasterlab.com