



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Lactobacillus MRS Agar (MRS Agar)	
Product Code: DM140	Expiry Date : 01/03/2023
Lot Number: 01270218	Release Date: 01/03/2018
Analytical Report Number: QAD/AR-18/02-189	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Cream to light yellow colored powder	Cream to light yellow colored powder	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Medium to dark amber colored medium	Medium to dark amber colored medium	Complies
Clarity of medium (After sterilization)	Clear to slightly opalescent gel forms in petri plates	Clear to slightly opalescent gel formed in petri plates	Complies
pH (After sterilization)	6.30-6.70 at 25°C	6.48	Complies
Gel strength	Firm as compared to 1.2 % Agar gel.	Firm as compared to 1.2% Agar gel.	Complies

CULTURAL PARAMETERS: Cultural characteristics observed after incubation at 35-37°C for 18-24 hours or longer (with 5% CO₂).

Organisms	Incubation time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage recovery	Growth	Remarks
<i>Lactobacillus casei</i> ATCC 9595	35-37°C / 18-24 hrs	72	53	73%	Good-luxuriant	Complies
<i>Lactobacillus fermentum</i> ATCC 9338	35-37°C / 18-24 hrs	70	56	80%	Good-luxuriant	Complies
<i>Lactobacillus leichmannii</i> ATCC 7830	35-37°C / 18-24 hrs	75	59	78%	Good-luxuriant	Complies
<i>Lactobacillus plantarum</i> ATCC 8014	35-37°C / 18-24 hrs	72	54	75%	Good-luxuriant	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