



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Plate Count Agar	
Product Code: DM214	Expiry Date: 22/08/2022
Lot Number: 05420817W	Release Date: 30/08/2018
Analytical Report Number: QAD/AR-18/08-867	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Cream to Yellow powder	Cream to Yellow powder	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Light Yellow colored	Light Yellow colored	Complies
Clarity of medium (After sterilization)	Clear to slightly opalescent gel forms in petriplates	Clear to slightly opalescent gel formed in petri plates	Complies
pH (After sterilization)	6.80-7.20 at 25°C	7.10	Complies
Gel strength	Firm as compared to 0.9% Agar gel	Firm as compared to 0.9% Agar gel	Complies

CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage recovery	Growth	Remarks
<i>Bacillus subtilis</i> ATCC 6633	35-37°C/ 18 - 48 hrs	78	69	88%	Luxuriant	Complies
<i>Enterococcus faecalis</i> ATCC 29212	35-37°C/ 18 - 48 hrs	70	62	88%	Luxuriant	Complies
<i>Escherichia coli</i> ATCC 25922	35-37°C/ 18 - 48 hrs	89	78	87%	Luxuriant	Complies



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CULTURAL PARAMETERS:

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 - 48 hrs	75	63	84%	Luxuriant	Complies
<i>Staphylococcus aureus</i> ATCC 25923	35-37°C/ 18 - 48 hrs	82	74	90%	Luxuriant	Complies
<i>Streptococcus pneumoniae</i> ATCC 6303	35-37°C/ 18 - 48 hrs	70	61	87%	Luxuriant	Complies
<i>Streptococcus pyogenes</i> ATCC 19615	35-37°C/ 18 - 48 hrs	74	64	86%	Luxuriant	Complies
<i>Staphylococcus epidermidis</i> ATCC 12228	35-37°C/ 18 - 48 hrs	78	65	83%	Luxuriant	Complies

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