



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: MYP Agar Base (Phenol Red Egg Yolk Polymyxin Agar Base)	
Product Code: DM687	Expiry Date : 14/06/2023
Lot Number: 03390618	Release Date: 14/06/2018
Analytical Report Number: QAD/AR-18/06-556	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Light yellow to light pink color powder	Light yellow to light pink color powder	Complies
Consistency	Homogeneous free flowing powder	Homogeneous free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Basal medium : Red coloured After Addition of Egg Yolk Emulsion (MS038) : Light orange coloured	Basal medium : Red coloured After Addition of Egg Yolk Emulsion (MS038) : Light orange coloured	Complies
Clarity of medium (After sterilization)	Basal medium: clear to slightly opalescent gel After Addition of Egg Yolk Emulsion (MS038) : opaque gel forms in Petri plates	Basal medium: clear to slightly opalescent gel After Addition of Egg Yolk Emulsion (MS038) : opaque gel forms in Petri plates	Complies
pH (After sterilization)	7.00-7.40 at 25°C	7.13	Complies
Gel strength	Firm, comparable with 1.5% Agar gel	Firm, comparable with 1.5% Agar gel	Complies



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CULTURAL PARAMETERS: Cultural characteristics observed with added Egg Yolk Emulsion (MS038) and Polymyxin B Sulphate (MS002) after an incubation at 32°C for 18-40 hours.

Organisms	Incubation time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage recovery	Growth	Colour of Colony	Lecithinase Activity	Remarks
<i>Bacillus cereus</i> ATCC 10876	32°C\ 18-40 hrs	70	53	75%	Good-luxuriant	Red	Positive, opaque zone around the colony	Complies
<i>Bacillus subtilis</i> ATCC 6633	32°C\ 18-40 hrs	88	64	72%	Good-luxuriant	Yellow	Negative	Complies
<i>Escherichia coli</i> ATCC 25922	32°C\ 18-40 hrs	58	2	3%	None-poor	--	--	Complies
<i>Proteus mirabilis</i> ATCC 25933	32°C\ 18-40 hrs	72	52	72%	Good-luxuriant	Red	Negative	Complies
<i>Pseudomonas aeruginosa</i> ATCC 27853	32°C\ 18-40 hrs	58	5	6%	None-poor	--	--	Complies
<i>Staphylococcus aureus</i> ATCC 25923	32°C\ 18-40 hrs	87	63	72%	Good-luxuriant	Yellow	Positive, opaque zone around the colony	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