



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Egg Yolk Agar Base	
Product Code: DM341	Expiry Date : 23/07/2023
Lot Number: 04350718	Release Date: 21/07/2018
Analytical Report Number: QAD/AR-18/07-673	Page No: 1 of 3

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Cream to yellow	Cream to yellow	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Basal medium: Medium amber colored After addition of egg yolk emulsion : Yellow colored	Basal medium: Medium amber colored After addition of egg yolk emulsion : Yellow colored	Complies
Clarity of medium (After sterilization)	Basal medium : clear to slightly opalescent gel. After addition of egg yolk emulsion : opaque gel.	Basal medium : clear to slightly opalescent gel. After addition of egg yolk emulsion : opaque gel.	Complies
pH (After sterilization)	7.40-7.80 at 25°C	7.58	Complies
Gel strength	Firm, comparable with 2.5% Agar gel.	Firm, comparable with 2.5% Agar gel.	Complies

CULTURAL PARAMETERS:

Cultural characteristics observed with added Egg yolk emulsion (MS038) after an incubation at 35-37°C for 48-72hrs when incubated anaerobically.

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Lecithinase	Lipase activity	Proteolytic activity	Remarks
<i>Bacteroides fragilis</i> ATCC 25285	35-37°C 48-72hrs	75	Good-luxuriant	Negative reaction	Negative, no iridescent sheen on the colony surface and medium	Negative, no clear zone surrounding colonies	Complies



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<i>Clostridium botulinum</i> ATCC 25763	35-37°C 48-72hrs	59	Good-luxuriant	Negative reaction	Negative, no irridescent sheen on the colony surface and medium	Positive, clear zone surrounding colonies	Complies
<i>Clostridium butyricum</i> ATCC 13732	35-37°C 48-72hrs	68	Good-luxuriant	negative reaction	Negative, no irridescent sheen on the colony surface and medium	Positive, clear zone surrounding colonies	Complies
<i>Clostridium perfringens</i> ATCC 12924	35-37°C 48-72hrs	85	good-luxuriant	Positive, opaque zone around the colony	Negative, no irridescent sheen on the colony surface and medium	Negative, no clear zone surrounding colonies	Complies
<i>Clostridium sporogenes</i> ATCC 11437	35-37°C 48-72hrs	62	Good-luxuriant	negative reaction	Positive, irridescent sheen on the colony surface and medium	Positive, clear zone surrounding colonies	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