



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Brilliant Green Agar Base , Modified	
Product Code: DM044	Expiry Date : 25/08/2023
Lot Number: 05240818	Release Date: 25/08/2018
Analytical Report Number: QAD/AR-18/08-827	Page No: 1 of 4

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Light yellow to light pink	Light yellow to light pink	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Greenish brown coloured	Greenish brown coloured	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)	6.70-7.10 at 25 °C		Complies
Gel strength	Firm as compared to 2.0% agar gel.	Firm as compared to 2.0% agar gel.	Complies

***AVOID OVERHEATING**



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CULTURAL PARAMETERS:

Recovery rate is considered as 100% for bacteria growth on Soyabean Casein Digest Agar. For more selectivity, aseptically add rehydrated contents of 1 vial of Sulpha Supplement (MS042).

Organisms	Incubation time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage recovery	Growth	Colour of colony	Remarks
			On Soyabean Casein Digest Agar (DM247)				
<i>Salmonella typhimurium</i> ATCC 14028	30-35°C / 24-48 hrs	82	66	80	Good-luxuriant	Pinkish white	Complies
<i>Salmonella abony</i> NCTC 6017	30-35°C / 24-48 hrs	90	78	86	Good-luxuriant	Pinkish white	Complies
<i>Salmonella enteritidis</i> ATCC 13076	30-35°C / 24-48 hrs	75	46	61	Good	Pinkish white	Complies
<i>Salmonella typhi</i> ATCC 6539	30-35°C / 24-48 hrs	72	35	43	Good	Reddish pink	Complies



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CULTURAL PARAMETERS:

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Organisms	Incubation time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage recovery	Growth	Colour of colony	Remarks
			On Soyabean Casein Digest Agar (DM247)				
<i>Escherichia coli</i> ATCC 25922	30-35°C / 24-48 hrs	91	16	71%	None-poor	Yellowish green	Complies
<i>Escherichia coli</i> ATCC 8739	30-35°C / 24-48 hrs	57	11	19%	None-poor	Yellowish green	Complies
<i>Escherichia coli</i> NCTC 9002	30-35°C / 24-48 hrs	75	12	16%	None-poor	Yellowish green	Complies
<i>Staphylococcus aureus</i> ATCC 25923	30-35°C / 24-48 hrs	$\geq 10^3$	0	0	Inhibited	-	Complies
<i>Staphylococcus aureus</i> ATCC 6538	30-35°C / 24-48 hrs	$\geq 10^3$	0	0	Inhibited	-	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