



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Simmon's Citrate Agar	
Product Code: DM244	Expiry Date: 25/05/2023
Lot Number: 03010518	Release Date: 25/05/2018
Analytical Report Number: QAD/AR-18/05-485	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Cream to yellow coloured powder	Cream to yellow coloured powder	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of solution	Forest green colored solution	Forest green colored solution	Complies
Clarity of medium (After sterilization)	Clear to slightly opalescent gel forms in tubes as slants	Clear to slightly opalescent gel formed in tubes as slants	Complies
pH (After sterilization)	6.6 to 7.0 at 25°C	6.6	Complies
Gel strength	Firm as compared to 1.5% Agar gel	Firm as compared to 1.5% Agar gel	Complies

CULTURAL PARAMETERS: Cultural characteristics observed after an incubation at 35 - 37°C for 18 - 48 hours.

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Citrate Utilisation	Remarks
<i>Enterobacter aerogenes</i> ATCC 13048	35-37°C / 18-24 hrs.	50-100	Good - luxuriant	Positive reaction, Blue color	Complies
<i>Escherichia coli</i> ATCC 25922	35-37°C / 18-24 hrs.	≥10 ³	Inhibited	-	Complies
<i>Salmonella choleraesuis</i> ATCC 12011	35-37°C / 18-24 hrs.	50-100	Good - luxuriant	Positive reaction, Blue color	Complies



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CULTURAL PARAMETERS: Cultural characteristics observed after an incubation at 35 - 37°C for 18 - 48 hours.

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Citrate Utilization	Remarks
<i>Salmonella enteritidis</i> ATCC 13076	35-37°C / 18-24 hrs.	75	Good - luxuriant	Positive reaction, Blue color	Complies
<i>Salmonella typhi</i> ATCC 6539	35-37°C / 18-24 hrs.	78	Fair to good	Negative reaction, Green color	Complies
<i>Salmonella typhimurium</i> ATCC 14028	35-37°C / 18-24 hrs.	81	Good - luxuriant	Positive reaction, Blue color	Complies
<i>Shigella dysenteriae</i> ATCC 13313	35-37°C / 18-24 hrs.	71	Inhibited	--	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