

CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY



Product Name: MacConkey Sorbitol Agar	
Product Code: DM154	Expiry Date: 12/03/2021
Lot Number: 00410116	Release Date: 12/03/2016
Analytical Report Number: QAD/AR-16/03-485	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Light yellow to pink colored powder	Light yellow to pink colored powder	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Purplish red colored medium	Purplish red colored medium	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)	6.90-7.30 at 25°C	6.94	Complies
Gel strength	Firm as compared to 1.35% Agar gel	Firm as compared to 1.35% Agar gel	Complies

CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage Recovery	Growth	Color of colony	Remarks
<i>Escherichia coli</i> O157:H7 NCTC 29900	35-37°C / 18-24 hrs	65	51	78%	Luxuriant	Colorless	Complies
<i>Escherichia coli</i> ATCC 25922	35-37°C / 18-24 hrs	87	69	79%	Luxuriant	Pink	Complies

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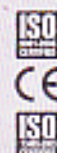
10/12/2014

QAD/FR/01

Micromaster Laboratories Pvt. Ltd.
Manufacture & Exporter

Culturing your needs in Microbiology...

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CULTURAL PARAMETERS:

Organisms	Incubation time/ temp	No. of organisms inoculated	No. of organisms recovered	Percentage Recovery	Growth	Color of colony	Remarks
<i>Escherichia coli</i> serotype O11 and O55	35-37°C / 18-24 hrs	67	51	76%	Luxuriant	Colourless	Complies
<i>Salmonella typhi</i> ATCC 6539	35-37°C / 18-24 hrs	72	54	75%	Luxuriant	Pink	Complies
<i>Shigella flexneri</i> ATCC 12022	35-37°C / 18-24 hrs	60	43	72%	Luxuriant	Colorless	Complies

Final Results: COMPLIES

This is to certify that this lot passes and it conforms to the above mentioned tests and specifications.

		
TESTED BY (Sneha Daragshetti) MICROBIOLOGIST	CHECKED BY (Swati More) HEAD MICROBIOLOGY	APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report

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