



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Loeffler Medium Base	
Product Code: DM733	Expiry Date : 12/03/2023
Lot Number: 01590318	Release Date: 12/03/2018
Analytical Report Number: QAD/AR-18/03-223	Page No: 1 of 2

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: Light amber colour After addition of horse serum: Off-white coloured	Basal: Light amber coloured After addition of horse serum: Off-white coloured	Complies
Clarity of medium (After sterilization)	Basal: Clear to slightly opalescent solution After addition of horse serum: opaque solution	Basal: Clear to slightly opalescent solution After addition of horse serum: opaque solution	Complies
pH (After sterilization)	7.10-7.50 at 25°C	7.21	Complies
Gel strength	Semisolid, comparable with 0.1% Agar gel and 3.0% Gelatin gel	Semisolid, comparable with 0.1% Agar gel and 3.0% Gelatin gel	Complies

CULTURAL PARAMETERS: Cultural characteristics observed with added 750ml horse serum, after an incubation at 35-37°C for 24-48 hours.

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Remarks
<i>Corynebacterium diphtheriae</i> ATCC 11913	24-48 hrs/ 35-37°C	75	fair-good	Complies
<i>Pseudomonas aeruginosa</i> ATCC 10145	24-48 hrs/ 35-37°C	73	good (green colonies with proteolysis)	Complies
<i>Staphylococcus aureus</i> ATCC 25923	24-48 hrs/ 35-37°C	85	good (yellow to gold 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