



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Antibiotic Assay Medium No.11	
Product Code: DM023U	Expiry Date : 14/07/2023
Lot Number: 03860718	Release Date: 14/07/2018
Analytical Report Number: QAD/AR-18/07-621	Page No: 1 of 2

DEHYDRATED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color	Cream to yellow colored powder	Cream to yellow colored powder	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	SPECIFICATION	OBSERVATIONS	REMARKS
Color of medium	Light yellow colored medium	Light yellow colored medium	Complies
Clarity of medium (After sterilization)	Clear to slightly opalescent gel forms in Petri plates	Clear to slightly opalescent gel forms in Petri plates	Complies
pH (After sterilization)	8.10-8.50 at 25°C	8.35	Complies
Gel strength	Firm, comparable with 1.5% Agar gel	Firm, comparable with 1.5% Agar gel	Complies

CULTURAL PARAMETERS:

Cultural characteristics observed after an incubation at 35-37°C for 18-24 hours.

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Recovery	Antibiotics Assayed	Remarks
<i>Micrococcus luteus</i> ATCC 9341	35-37°C / 18-24hrs.	70	Good-luxuriant	70%	Erythromycin While assaying Tylosin, Tylosin tartarate, Vancomycin hydrochloride, adjust the pH to 8.0±0.2	Complies
<i>Staphylococcus aureus</i> ATCC 6538	35-37°C / 18-24.hrs.	85	Good-luxuriant	74%	Kanamycin monosulphate, Kanamycin acid sulphate, Netilmicin sulphate	Complies
<i>Staphylococcus epidermidis</i> ATCC 2228	35-37°C / 18-24 hrs.	73	Good-luxuriant	79%	Gentamicin, Neomycin, Netilmicin, Paromomycin, Sisomycin	Complies
<i>Bacillus pumilis</i> ATCC 14884	35-37°C / 18-24 hrs.	65	Good-luxuriant	76%	Chlortetracycline, Framycetin, Kanamycin sulphate	Complies

DM023UCOA,QAD/FR/031,Rev.00/01.01.2018

Micromaster laboratories Pvt.Ltd

Manufacturer and Exporter

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Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Recovery	Antibiotics Assayed	Remarks
<i>Bacillus subtilis</i> ATCC 6633	35-37°C / 18-24hrs..	88	Good-luxuriant	73%	Dihydrostreptomycin sulphate, Erythromycin estolate, Kanamycin monosulphate, Kanamycin acid sulphate, Spiramycin, Streptomycin sulphate	Complies
<i>Bacillus subtilis</i> NCTC 8236	35-37°C / 18-24hrs.	75	Good-luxuriant	74%	Dihydrostreptomycin sulphate, Streptomycin sulphate	Complies
<i>Bacillus subtilis</i> NCTC 8241	35-37°C/ 18-24 hrs.	70	Good-luxuriant	70%	Erythromycin estolate, Gentamicin sulphate	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

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