CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Lowenstein Jensen Medium Base (L.J. Medium)	
Product Code: DM135	**Expiry Date : 11/10/2022**
Lot Number: 07081017	**Release Date: 11/10/2017**
Analytical Report Number: QAD/AR-17/10-1126	**Page No: 1 of 2**

DEHYDRATED MEDIUM			
TEST CONDUCTED	**SPECIFICATION**	**OBSERVATIONS**	**REMARKS**
Color	Greenish blue to peacock blue powder	Greenish blue to peacock blue	Complies
Consistency	Homogenous, free flowing powder	Homogenous, free flowing powder	Complies
PREPARED MEDIUM			
TEST CONDUCTED	**SPECIFICATION**	**OBSERVATIONS**	**REMARKS**
Color of Whole Medium	The mixture of sterile basal medium and whole egg emulsion, when inspissated, coagulates to yield pale bluish green coloured ,Opaque smooth slants	The mixture of sterile basal medium and whole egg emulsion, when inspissated, coagulates to yield pale bluish green coloured, Opaque smooth slants	Complies
Clarity of medium (After sterilization)	Not Applicable	Opaque smooth slants	Complies
pH or whole Medium	Auto pH	4.28	Complies
Gel strength	Not Applicable	Not Applicable	Not Applicable

CULTURAL PARAMETERS:

Cultural characteristics observed in presence of 5-10% Carbon dioxide, with added egg emulsion base

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Growth with Gruft Supplement (MS049)	Colony Characteristic	Remarks
Mycobacterium avium ATCC 25291	35-37ºC / 2-4 weeks	72	Luxuriant	Good-luxuriant	Smooth, non-pigmented Colonies	Complies
Mycobacterium gordonae ATCC 14470	35-37ºC / 2-4 weeks	75	Luxuriant	Good-luxuriant	Smooth, yellow, Orange colonies	Complies
Mycobacterium kansasii ATCC 12478	35-37ºC / 2-4 weeks	73	Luxuriant	Good-luxuriant	Photo-chromogenic, Smooth to Rough	Complies

Micromaster Laboratories Pvt. Ltd
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CULTURAL PARAMETERS:

Cultural characteristics observed in presence of 5-10% Carbon dioxide, with added egg emulsion base

Organisms	Incubation time/ temp	No. of organisms inoculated	Growth	Growth with Gruft Supplement (MS049)	Colony Characteristic	Remarks
Mycobacterium smegmatis ATCC 14468	35-37°C / 2-4 weeks	71	Luxuriant	Good-luxuriant	Wrinkled,creamy White colonies	Complies
M. tuberculosis H37Rv ATCC 25618	35-37°C / 2-4 weeks	70	Luxuriant	Good-luxuriant	Granular, rough, Warty, dry Friable colonies	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 (Tejal Shinde) HEAD MICROBIOLOGY**	**APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE**

End Of The Report

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