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Certificate of Analysis

Product 76366 - Listeria Oxford Medium Base (Oxford Agar)
Batch No 5378891
Analysis Date 01-Jul-2024
Date of Manufacture July 2024
Expiry Date/Re-Test Date July 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Biege	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	55.50 gm/liter	Complies
Solubility before autoclaving (Clarity)	Clear to slightly opalescent gel with a bluish tinge	Complies
Gel strength	Firm, comparable with 1.5% agar gel	Complies
pH (25°C)	7.0 ± 0.2	7.04 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent gel with a bluish tinge	Complies
Prepared Medium Appearance after autoclaving (Colour)	Dark amber	Complies
Cultural Response	Inoculate and incubate at 35 ± 2°C for 24-48 hours	
Organism	Listeria monocytogenes ATCC 19112	
Inoculum (cfu) 10-100	Growth : Good, Recovery rate : >=50%, Esculin hydrolysis : Positive reaction, blackening of medium around colony	Complies
Organism	Staphylococcus aureus ATCC 25923	
Inoculum (cfu) 10-100	Growth : Good, Recovery rate :>=40.0 - 50.0%, Esculin hydrolysis : Negative reaction	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum	>=10 ³ ,Growth : Inhibited	Complies
Organism	Bacillus subtilis ATCC 6633	
Inoculum	>=10 ³ ,Growth : Inhibited	Complies

FRM/82/11/3/76366 Rev No. 1 Date 10/07/2022

Prepared by Samrudhi

In compliance with the standard specifications of SRL

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