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Certificate of Analysis

Product	76203 - Dextran Sulphate Sodium Salt 30-50(DSS 35-50) ex. Leuconostoc Sp.Colitis Grade for molecular biology - [9011-18-1]
Batch No	1674732
Analysis Date	16-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2029

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	Off-white
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 20% aq. solution	Clear	Clear
Solubility (Colour) 20% aq. solution	Colourless to pale yellow	Pale yellow
pH (1% aq. solution)	5.0-7.5	7.1
Loss on drying	max 10%	6.1%
Average Molecular weight	made from Dextran 35 - 50 KDa	40 KDa
Chloride (Cl)	max. 0.01%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Specific rotation $[\alpha]$	+75° to +105° (C=1, H ₂ O)	+96.808°
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/76203 Rev No. 2 Date 20/07/2021

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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