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Certificate of Analysis

Product

**32096 - Sodium Lauryl Sulphate (SDS, SLS) for
molecular biology, 99% - [151-21-3]**

Batch No

4912617

Analysis Date

06-Jul-2024

Date of Manufacture

July 2024

Expiry Date/Re-Test Date

July 2029

Molecular Formula

C₁₂H₂₅SO₄Na

Molecular Weight

288.38

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Purity (Lauryl alcohol-by GC)	min. 99%	99.5%
Assay (by Hyamine)	min. 99%	99.7%
pH (1% aq. solution)	6.0 - 8.0	6.82
pH (10% aq. solution)	6.0 - 8.0	6.96
Loss on drying	max. 1%	0.7%
Chloride (Cl)	max. 0.01%	Passes
Phosphate (PO ₄)	max. 0.0001%	Passes
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0002%	Passes
Absorbance (A) of 10% aq. solution in a 1cm cell v/s H ₂ O		
@210nm	max. 0.1	0.039
@220nm	max. 0.06	0.024
@230nm	max. 0.04	0.020
@260nm	max. 0.02	0.011
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/32096 Rev No. 3 Date 06/10/2022

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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