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Certificate of Analysis

Product **99671 - Sodium Lauryl Sulphate (SDS, SLS) for HPLC, 99% - [151-21-3]**
Batch No **3995588**
Analysis Date 28-Jan-2024
Date of Manufacture January 2024
Expiry Date/Re-Test Date January 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%	99.3%
Assay (by Hyamine)	min. 99%	99.6%
Loss on drying	max. 1%	0.7%
pH (1% aq. solution)	6.0 - 8.0	7.2
Chloride (Cl)	max. 0.01%	Passes
Iron (Fe)	max. 0.0001%	Passes
Phosphate (PO ₄)	max. 0.0001%	Passes
Absorbance (A) of 10% aq. solution in a 1cm cell v/s H ₂ O		
@210nm	max. 0.1	0.043
@220nm	max. 0.06	0.031
@230nm	max. 0.04	0.025
@260nm	max. 0.02	0.013

FRM/82/11/4/99671 Rev No. 3 Date 06/10/2022

Prepared by **ThakurRohit**

In compliance with the standard specifications of SRL

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

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