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## Certificate of Analysis

<b>Product</b>	<b>99671 - Sodium Lauryl Sulphate (SDS, SLS) for HPLC, 99% - [151-21-3]</b>
<b>Batch No</b>	<b>9550218</b>
<b>Analysis Date</b>	05-Sep-2023
<b>Date of Manufacture</b>	September 2023
<b>Expiry Date/Re-Test Date</b>	September 2028
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>25</sub> SO <sub>4</sub> Na
<b>Molecular Weight</b>	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%	99.8%
Loss on drying	max. 1%	0.3%
pH (1% aq. solution)	6.0 - 8.0	6.6
Chloride (Cl)	max. 0.01%	Passes
Iron (Fe)	max. 0.0001%	Passes
Phosphate (PO <sub>4</sub> )	max. 0.0001%	Passes
Absorbance (A) of 10% aq. solution in a 1cm cell v/s H <sub>2</sub> O		
@210nm	max. 0.1	0.083
@220nm	max. 0.06	0.055
@230nm	max. 0.04	0.040
@260nm	max. 0.02	0.020

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

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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