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Certificate of Analysis

Product	46821 - Sodium Lauryl Sulphate (SLS, SDS) (Needle-shaped) extrapure, 90% - [151-21-3]
Batch No	3159462
Analysis Date	03-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	C ₁₂ H ₂₅ SO ₄ Na
Molecular Weight	288.38

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to pale yellow	Off white
Appearance (Form)	Needle shape	Needle shape
Solubility (Turbidity) 10% aq. solution	Clear to slight opalescent	Slight opalescent
Solubility (Colour) 10% aq. solution	Colourless to pale yellow	Colourless
Assay (On dry basis)	min. 90%	93.2%
pH (1% aq. solution)	8.0 -10.5	8.77
Alkalinity	max. 5ml N%	2.8ml N%
Sodium chloride + Sodium sulphate	max. 4%	2.4%
Unsulphated alcohols	max. 2%	0.2%

FRM/82/11/4/46821 Rev No. 4 Date 16/04/2024

Prepared by Komal

In compliance with the standard specifications of SRL

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

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