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Certificate of Analysis

Product	71801 - Decane Sulphonic Acid Sodium Salt Monohydrate for HPLC, 99% - [13419-61-9]
Batch No	1006059
Analysis Date	25-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	C11H21NaO3S.H2O
Atomic Formula	262.33

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
Assay (Ion exchange)	min. 99%	99.6%
pH (10% aq. solution)	6.0 - 7.0	6.5
Loss on drying at 105°C	6.0 - 7.0 %	6.5%
Absorbance of 0.005M in water, 1cm cell vs HPLC grade water		
@200nm	max.0.15	0.056
@220nm	max. 0.05	0.016
Absorbance of 0.1M in water, 1cm cell vs HPLC grade water		
@254nm	max.0.05	0.014

FRM/82/11/4/71801 Rev No. 1 Date 23/04/2024

Prepared by **Mayur**

In compliance with the standard specifications of SRL

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

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