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Certificate of Analysis

Product **49346 - Hexane Sulphonic Acid Sodium Salt Anhydrous for HPLC, 99% - [2832-45-3]**

Batch No **5891724**

Analysis Date 16-Jan-2024

Date of Manufacture January 2024

Expiry Date/Re-Test Date January 2029

Molecular Formula C6H13SO3Na

Molecular Weight 188.24

| 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 |
| Solubility (Turbidity) 10% hot solution in Methanol | Clear | Clear |
| Solubility (Colour) 10% hot solution in Methanol | Colourless | Colourless |
| Assay (Ion exchange) | min. 99 % | 99.3% |
| pH (10% aq. solution) | 5.5 - 7.5 | 6.43 |
| Loss on drying | max. 2% | 0.2% |
| Absorbance (A) of 0.1M aq. solution in a 1cm cell v/s H2O | | |
| @254nm | max. 0.045 | 0.003 |
| Absorbance (A) of 0.005 M aq. solution in a 1cm cell v/s H2O | | |
| @200nm | max. 0.15 | 0.030 |
| @220nm | max. 0.05 | 0.009 |

FRM/82/11/4/49346 Rev No. 3 Date 30/03/2023

Prepared by Priti

In compliance with the standard specifications of SRL

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

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