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# Certificate of Analysis

<b>Product</b>	<b>94373 - Heptane Sulphonic Acid Sodium Salt Anhydrous for HPLC, 99% - [22767-50-6]</b>
<b>Batch No</b>	<b>8377159</b>
<b>Analysis Date</b>	05-May-2024
<b>Date of Manufacture</b>	May 2024
<b>Expiry Date/Re-Test Date</b>	May 2029
<b>Molecular Formula</b>	C7H15O3SNa
<b>Molecular Weight</b>	202.25

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%	99.4%
pH (10% aq. solution)	5.5 - 7.5	5.78
Loss on drying	max. 2 %	1.3%
Absorbance (A) of 0.1M aq. solution in a 1cm cell v/s H2O		
@254nm	max. 0.045	0.040
Absorbance (A) of 0.005 M aq. solution in a 1cm cell v/s H2O		
@200nm	max. 0.15	0.004
@220nm	max. 0.05	0.002

FRM/82/11/4/94373 Rev No. 3 Date 02/03/2023

Prepared by Komal

In compliance with the standard specifications of SRL

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

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