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## Certificate of Analysis

<b>Product</b>	<b>72554 - Octane Sulphonic Acid Sodium Salt Monohydrate for HPLC, 99% - [207596-29-0]</b>
<b>Batch No</b>	<b>2625070</b>
<b>Analysis Date</b>	02-Jan-2024
<b>Date of Manufacture</b>	January 2024
<b>Expiry Date/Re-Test Date</b>	January 2029
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>17</sub> SO <sub>3</sub> Na.H <sub>2</sub> O
<b>Molecular Weight</b>	234.29

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	5.6
Loss on drying	7.0 - 8.0%	7.4%
Absorbance (A) of 0.1M aq. solution in a 1cm cell v/s H <sub>2</sub> O		
@254nm	max. 0.045	0.010
Absorbance (A) of 0.005 M aq. solution in a 1cm cell v/s H <sub>2</sub> O		
@200nm	max. 0.15	0.037
@220nm	max. 0.05	0.019

FRM/82/11/4/72554 Rev No. 2 Date 14/11/2022

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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1/1

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