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# Certificate of Analysis

<b>Product</b>	<b>78597 - Hexane Sulphonic Acid Sodium Salt Monohydrate for HPLC, 99% - [207300-91-2]</b>
<b>Batch No</b>	<b>5794361</b>
<b>Analysis Date</b>	27-Jan-2024
<b>Date of Manufacture</b>	January 2024
<b>Expiry Date/Re-Test Date</b>	January 2029
<b>Molecular Formula</b>	C6H13SO3Na.H2O
<b>Molecular Weight</b>	206.24

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%	99.2%
pH (10% aq. solution)	5.5 - 7.5	5.8
Loss on drying	8.0 - 9.0%	8.1%
Absorbance (A) of 0.005 M aq. solution in a 1cm cell v/s H2O		
@200nm	max. 0.15	0.103
@220nm	max. 0.05	0.01
Absorbance (A) of 0.1M aq. solution in a 1cm cell v/s H2O		
@254nm	max. 0.045	0.018

FRM/82/11/4/78597 Rev No. 3 Date 05/07/2022

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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