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Certificate of Analysis

Product	55272 - Heptane Sulphonic Acid Sodium Salt Monohydrate for HPLC, 99% - [207300-90-1]
Batch No	2119894
Analysis Date	08-Feb-2024
Date of Manufacture	February 2024
Expiry Date/Re-Test Date	February 2029
Molecular Formula	C7H15O3SNa.H2O
Molecular Weight	220.27

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 to Almost clear	Clear
Solubility (Colour) 10% hot solution in Methanol	Colourless	Colourless
Assay (Ion exchange)	min. 99.0 %	99.4%
pH (10% aq. suspension)	5.5 - 7.5	6.1
Loss on drying	8.0 - 9.0 %	8.3%
Absorbance (A) of 0.1M aq. solution in a 1cm cell v/s H2O		
@254nm	max. 0.045	0.011
Absorbance (A) of 0.005 M aq. solution in a 1cm cell v/s H2O		
@200nm	max. 0.15	0.092
@220nm	max. 0.05	0.011

FRM/82/11/4/55272 Rev No. 2 Date 20/06/2023

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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