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Certificate of Analysis

Product	90760 - Pentane Sulphonic Acid Sodium Salt Monohydrate for HPLC, 99% - [207605-40-1]
Batch No	6757406
Analysis Date	21-Aug-2023
Date of Manufacture	August 2023
Expiry Date/Re-Test Date	August 2028
Molecular Formula	C5H11O3SNa.H2O
Molecular Weight	192.21

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	5.82
Loss on drying	9.0 - 10.0%	9.5%
Absorbance (A) of 0.005 M aq. solution in a 1cm cell v/s H2O		
@200nm	max. 0.15	0.070
@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/82/11/4/90760 Rev No. 2 Date 10/01/2023

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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