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Certificate of Analysis

Product	18081 - CHES Buffer extrapure, 99% - [103-47-9]
Batch No	9822305
Analysis Date	09-Jan-2021
Date of Manufacture	January 2021
Expiry Date/Re-Test Date	January 2026
Molecular Formula	C8H17NO3S
Molecular Weight	207.30

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay	min. 99%	99.3%
pH (1% aq. solution)	5.0 - 6.0	5.3
Chloride (Cl)	max. 0.05%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Absorbance (A) of 0.1M aq. solution in a 1cm cell v/s H2O		
@260nm	max. 0.05	0.01
@280nm	max. 0.04	0.01

FRM/82/11/4/18081 Rev No. 1 Date 08/22/2018

Prepared by Nishant

In compliance with the standard specifications of SRL

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

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