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Certificate of Analysis

Product	69824 - MOPS Buffer extrapure, 99% - [1132-61-2]
Batch No	4055242
Analysis Date	13-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2029
Molecular Formula	C7H15NO4S
Molecular Weight	209.26

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
Assay (NaOH titration)	min. 99%	99.2%
pH (10% aq. solution)	3.5 - 4.0	3.83
Sulphated Ash	max. 0.1%	0.04%
Sulphate (SO4)	max. 0.002%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Absorbance (A) of 5% aq. solution in a 1cm cell v/s H2O		
@250 nm	max. 0.05	0.013
Smooth curve	230 - 350nm	Passes
Water (KF)	max. 1%	0.4%

FRM/82/11/4/69824 Rev No. 2 Date 19/06/2021

Prepared by Priti

In compliance with the standard specifications of SRL

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

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