



**SISCO  
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## Certificate of Analysis

<b>Product</b>	<b>66043 - MOPS Buffer for molecular biology, 99% - [1132-61-2]</b>
<b>Batch No</b>	<b>9095989</b>
<b>Analysis Date</b>	20-Jun-2024
<b>Date of Manufacture</b>	June 2024
<b>Expiry Date/Re-Test Date</b>	June 2029
<b>Molecular Formula</b>	C7H15NO4S
<b>Molecular Weight</b>	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%
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/66043 Rev No. 1 Date 05/07/2021

Prepared by Priti

In compliance with the standard specifications of SRL

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

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