



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product	59443 - Sodium Phosphate Monobasic Anhydrous for molecular biology, 99% - [7558-80-7]
Batch No	9167434
Analysis Date	07-Jan-2023
Date of Manufacture	January 2023
Expiry Date/Re-Test Date	January 2028
Molecular Formula	NaH ₂ PO ₄
Molecular Weight	119.98

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%	99.5%
pH (5% aq. solution)	4.0 - 4.5	4.40
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO ₄)	max. 0.005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Absorbance (A) of 1M aq. solution in a 1cm cell v/s H ₂ O		
@260nm	max. 0.1	0.057
@280nm	max. 0.1	0.041
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/59443 Rev No. 1 Date 01/11/2015

Prepared by Komal

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

1/1

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

This COA has been generated electronically and it is valid without signature.