



**SISCO
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PVT. LTD.**

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Certificate of Analysis

Product

27621 - Sodium Phosphate Monobasic Anhydrous for cell culture, 99%, Endotoxin (BET) 0.05EU/mg - [7558-80-7]

Batch No

6263889

Analysis Date

25-Oct-2023

Date of Manufacture

October 2023

Expiry Date/Re-Test Date

October 2028

Molecular Formula

NaH₂PO₄

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%	99.2%
pH (5% aq. solution)	4.0 - 4.5	4.4
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	0.018
@280nm	max. 0.1	0.015
Suitability for Cell Culture	Passes test	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	<0.05 EU/mg	Passes

FRM/82/11/4/27621 Rev No. 2 Date 23/05/2022

Prepared by **Mayur**

In compliance with the standard specifications of SRL

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

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1/1

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