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PVT. LTD.**

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Certificate of Analysis

Product

**87027 - Sodium Phosphate Dibasic Dihydrate for
molecular biology, 99.5% - [10028-24-7]**

Batch No

9485340

Analysis Date

29-Nov-2023

Date of Manufacture

November 2023

Expiry Date/Re-Test Date

November 2028

Molecular Formula

Na₂HPO₄.2H₂O

Molecular Weight

177.99

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 (by Neutralization)	min. 99.5%	99.6%
Water Insoluble matter	max. 0.005%	0.004%
pH (5% aq. solution)	9.1 - 9.3	9.26
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO ₄)	max. 0.005%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Copper (Cu)	max. 0.0005%	Passes
Potassium (K)	max. 0.005%	Passes
Absorbance (A) of 0.5M aq. solution in a 1cm cell v/s H ₂ O		
@260nm	max. 0.05	0.016
@280nm	max. 0.05	0.017
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/87027 Rev No. 3 Date 06/07/2022

Prepared by Jayesh

In compliance with the standard specifications of SRL

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

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

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