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## Certificate of Analysis

**Product** **86858 - Sodium Phosphate Dibasic Dihydrate for HPLC, 99.5% - [10028-24-7]**  
**Batch No** **4157257**  
**Analysis Date** 08-Jan-2024  
**Date of Manufacture** January 2024  
**Expiry Date/Re-Test Date** January 2029  
**Molecular Formula** Na<sub>2</sub>HPO<sub>4</sub>·2H<sub>2</sub>O  
**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 <sub>4</sub> )	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 <sub>2</sub> O	.	
@260nm	max 0.05	0.016
@280nm	max 0.05	0.017

FRM/82/11/4/86858 Rev No. 2 Date 06/07/2022

Prepared by Jayesh

In compliance with the standard specifications of SRL

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

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