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Certificate of Analysis

Product	83417 - Sodium Phosphate Dibasic Dodecahydrate extrapure AR, 99% - [10039-32-4]
Batch No	8855037
Analysis Date	06-Jul-2024
Date of Manufacture	July 2024
Expiry Date/Re-Test Date	July 2029
Molecular Formula	Na ₂ HPO ₄ .12H ₂ O
Molecular Weight	358.14

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 (HCl titration)	min. 99%	99.5%
pH (5% aq. solution)	9.0 - 9.6	9.3
Chloride (Cl)	max. 0.005%	Passes
Sulphate (SO ₄)	max. 0.05%	Passes
Iron (Fe)	max. 0.005%	Passes
Heavy Metals (Pb)	max. 0.002%	Passes

FRM/82/11/4/83417 Rev No. 3 Date 23/04/2024

Prepared by **ThakurRohit**

In compliance with the standard specifications of SRL

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

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