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Certificate of Analysis

Product	97768 - Sodium Phosphate Monobasic Monohydrate for HPLC, 99% - [10049-21-5]
Batch No	5852594
Analysis Date	17-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	NaH ₂ PO ₄ .H ₂ O
Molecular Weight	137.99

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 (T)	min. 99%	99.1%
pH (5% aq. solution)	4.1 - 4.5	4.4
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO ₄)	max. 0.003%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Potassium (K)	max. 0.01%	Passes
Absorbance (A) of 1M aq. solution in a 1cm cell v/s H ₂ O		
@260nm	max. 0.03	0.010
@280nm	max. 0.02	0.009

FRM/82/11/4/97768 Rev No. 1 Date 12/10/2018

Prepared by **ThakurRohit**

In compliance with the standard specifications of SRL

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

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