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Certificate of Analysis

Product	18134 - Sodium Phosphate Dibasic Heptahydrate ACS, 98-102% - [7782-85-6]
Batch No	8763678
Analysis Date	24-Dec-2023
Date of Manufacture	December 2023
Expiry Date/Re-Test Date	December 2028
Molecular Formula	Na ₂ HPO ₄ ·7H ₂ O
Molecular Weight	268.07

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)	98 - 102%	99.2%
pH (5% aq. solution)	8.7 - 9.3	9.2
Insoluble matter	max. 0.005%	0.002%
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

FRM/82/11/4/18134 Rev No. 1 Date 14/02/2022

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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