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Certificate of Analysis

Product **44981 - Sodium Acetate Trihydrate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5% - [6131-90-4]**

Batch No **4692460**

Analysis Date 26-Dec-2023

Date of Manufacture December 2023

Expiry Date/Re-Test Date December 2028

Molecular Formula C₂H₃NaO₂.3H₂O

Molecular Weight 136.08

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP	Passes
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 (NT)	min. 99.5%	99.8%
pH (5% aq. solution)	7.5 - 9.2	8.1
Water Insoluble matter	max. 0.005%	0.0001%
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO ₄)	max. 0.002%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Copper (Cu)	max. 0.0005%	Passes
Potassium (K)	max. 0.005%	Passes
Phosphate (PO ₄)	max. 0.0002%	Passes
Calcium (Ca)	max. 0.0005%	Passes
Magnesium (Mg)	max. 0.002%	Passes
Substances reducing Permanganate (O)	max. 0.005%	Passes

FRM/82/11/4/44981 Rev No. 2 Date 06/07/2022

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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