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# Certificate of Analysis

<b>Product</b>	<b>56315 - Sodium Acetate Trihydrate for HPLC, 99.5% - [6131-90-4]</b>
<b>Batch No</b>	<b>7080223</b>
<b>Analysis Date</b>	22-Jun-2024
<b>Date of Manufacture</b>	June 2024
<b>Expiry Date/Re-Test Date</b>	June 2029
<b>Molecular Formula</b>	C <sub>2</sub> H <sub>3</sub> NaO <sub>2</sub> .3H <sub>2</sub> O
<b>Molecular Weight</b>	136.08

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 (NT)	min. 99.5%	99.9%
pH (5% aq. solution)	7.5 - 9.2	8.4
Substances reducing Permanganate (O)	max. 0.005%	Passes
Water Insoluble matter	max. 0.001%	0.0001%
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.002%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Copper (Cu)	max. 0.0005%	Passes
Phosphate (PO <sub>4</sub> )	max. 0.0002%	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		
@250 nm	max. 0.05	0.036
@300nm	max. 0.03	0.030
@350nm	max. 0.02	0.002
@500nm	max. 0.01	0.002

FRM/82/11/4/56315 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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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