



**SISCO
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PVT. LTD.**

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Certificate of Analysis

Product

88035 - Sodium Acetate Trihydrate for molecular biology, 99.5% - [6131-90-4]

Batch No

1519904

Analysis Date

18-Sep-2022

Date of Manufacture

September 2022

Expiry Date/Re-Test Date

September 2027

Molecular Formula

C₂H₃NaO₂.3H₂O

Molecular Weight

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%	99.8%
pH (5% aq. solution)	7.5 - 9.2	8.1
Substances reducing Permanganate (O)	max.0.005%	Passes
Water Insoluble matter	max.0.001%	0.0007%
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
Phosphate (PO ₄)	max.0.0002%	Passes
Potassium (K)	max.0.005%	Passes
Absorbance (A) of 3M aq. solution in 1cm cell v/s H ₂ O	.	
@260nm	max.0.05	0.017
@280nm	max.0.03	0.014
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/88035 Rev No. 2 Date 06/07/2022

Prepared by Yogesh

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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