



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

| | |
|---------------------------------|---|
| Product | 22342 - Sodium Acetate Anhydrous for molecular biology, 99% - [127-09-3] |
| Batch No | 5872920 |
| Analysis Date | 07-Feb-2024 |
| Date of Manufacture | February 2024 |
| Expiry Date/Re-Test Date | February 2029 |
| Molecular Formula | C ₂ H ₃ NaO ₂ |
| Molecular Weight | 82.03 |

| 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% | 99.8% |
| pH (5% aq. solution) | 7.5 - 9.0 | 8.20 |
| Loss on drying | max. 1% | 0.1% |
| Chloride (Cl) | max. 0.001% | Passes |
| Sulphate (SO ₄) | max. 0.003% | Passes |
| Iron (Fe) | max. 0.0005% | Passes |
| Heavy Metals (Pb) | max. 0.001% | Passes |
| Phosphate (PO ₄) | max.0.0005% | Passes |
| Absorbance (A) of 0.1M aq. solution in a 1cm cell v/s H ₂ O | | |
| @260nm | max. 0.01 | 0.005 |
| @280nm | max. 0.01 | 0.003 |
| DNase, RNase, Protease | Not detected | Not detected |

FRM/82/11/4/22342 Rev No. 1 Date 01/11/2015

Prepared by Komal

In compliance with the standard specifications of SRL

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

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

1/1

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

This COA has been generated electronically and it is valid without signature.