

Certificate of Analysis

Date of Testing: 2023-04-19 14:17:31
Date of Next Testing: 2025-04-08 14:17:31
Product Name: **Sodium acetate anhydrous**
CAS Number: 127-09-3
Specifications & Purity: for molecular biology $\geq 99.0\%$ (NT)
Lot #: D23131038
SKU #: **S118649**
Analysis: **195817**

| Parameter | Limit Values | Result |
|---|---------------------------|---------------------------|
| Heavy metals | 0-10 (ppm) | 0.00 ppm |
| Water by Karl Fischer | 0-1 (%) | 0.67 % |
| Sulfate(SO ₄ ²⁻) | 0-30 (ppm) | 2.12 ppm |
| Purity(Titration by HClO ₄) | 99-101 (%) | 99.01 % |
| Chloride (Cl ⁻) | 0-20 (ppm) | 0.00 ppm |
| Appearance (s118649) | White to Off-White Powder | White to Off-White Powder |
| DNase, Exonuclease Detection | None Detected | none detected |
| NICKase, Endonuclease Detection | None Detected | none detected |
| proteases | none detected | none detected |
| RNases | none detected | none detected |
| Solubility in H ₂ O , Colorless to Faint Yellow , Clear, 100 mg/mL | pass | Pass |



John Su
QA & QC Manager