

## Certificate of Analysis

Date of Testing: 2023-01-30 15:37:39  
Date of Next Testing: 2025-01-19 15:37:39  
Product Name: **Sodium acetate anhydrous**  
CAS Number: 127-09-3  
Specifications & Purity: for molecular biology  $\geq 99.0\%$  (NT)  
Lot #: A2329072  
SKU #: **S118649**  
Analysis: **079640**

Parameter	Limit Values	Result
Heavy metals	0-10 (ppm)	0.50 ppm
Water by Karl Fischer	0-1 (%)	0.14 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-30 (ppm)	10.50 ppm
Chloride (Cl <sup>-</sup> )	0-20 (ppm)	0.00 ppm
Purity(Titration by HClO <sub>4</sub> )	99-101 (%)	99.01 %
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 <sub>2</sub> O , Colorless to Faint Yellow ,Clear,100 mg/mL	pass	Pass



John Su  
QA & QC Manager