

Certificate of Analysis

Date of Testing: 2025-03-21 12:15:51

Date of Next Testing: 2027-03-11 12:15:51

Product Name: **Sodium acetate anhydrous**

CAS Number: 127-09-3

Specifications & Purity: for molecular biology, ≥99%(NT)

Lot #: C2521002

SKU #: **S118649**

Version: **0**

Analysis #: **484488**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	99-101 (%)	99.48 %
Heavy metals	0-10 (ppm)	0.00 ppm
Water by Karl Fischer	0-1 (%)	0.17 %
Sulfate(SO ₄ ²⁻)	0-30 (ppm)	0.00 ppm
Chloride (Cl ⁻)	0-20 (ppm)	19.80 ppm
Appearance (s118649)	White to Off-White Powder	White to Off-White Powder
Solubility in H ₂ O , Colorless to Faint Yellow ,Clear,100 mg/mL	pass	Pass
DNase, Exonuclease Detection	None Detected	none detected
NICKase,Endonuclease Detection	None Detected	none detected
proteases	none detected	none detected
RNases	none detected	none detected



John Su
QA & QC Manager