

Certificate of Analysis

Date of Testing: 2023-12-20 15:57:41
Date of Next Testing: 2025-12-09 15:57:41
Product Name: **Sodium acetate anhydrous**
CAS Number: 127-09-3
Specifications & Purity: for molecular biology $\geq 99.0\%$ (NT)
Lot #: C2219014
SKU #: **S118649**
Analysis: **306969**

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	99-101 (%)	99.00 %
Heavy metals	0-10 (ppm)	3.20 ppm
Water by Karl Fischer	0-1 (%)	0.65 %
Sulfate(SO ₄ ²⁻)	0-30 (ppm)	10.00 ppm
Chloride (Cl ⁻)	0-20 (ppm)	5.60 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