

## Certificate of Analysis

Date of Testing: 2023-07-07 10:33:58  
Date of Next Testing: 2025-06-26 10:33:58  
Product Name: **Potassium acetate**  
CAS Number: 127-08-2  
Specifications & Purity: for molecular biology,  $\geq 99.0\%$   
Lot #: G2303189  
SKU #: **P108329**  
**Analysis:** **241056**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.26 ppm
Loss on drying	0-2 (%)	1.03 %
Purity(Titration by HClO <sub>4</sub> )	99-101 (%)	99.31 %
Heavy metal (as Pb)	0-5 (ppm)	0.37 ppm
Chloride	0-0.003 (%)	0.00 %
Appearance (P108329)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
DNase, Exonuclease Detection	None Detected	none detected
Endonuclease Detection	None Detected	none detected
Protease by FITC-Casein	None Detected	none detected
RNases	none detected	none detected
Solubility in H <sub>2</sub> O , Clear , 20 g + 200 ml	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager