

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-02-23 09:04:41  
Date of Next Testing: 2026-02-12 09:04:41  
Product Name: **Potassium chloride**  
CAS Number: 7447-40-7  
Specifications & Purity: for molecular biology,  $\geq 99.5\%$   
Lot #: E2204058  
SKU #: **P112143**  
Version: **0**  
Analysis #: **322719**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO <sub>3</sub> )	99.5-100.5 (%)	99.80%
Heavy metal (as Pb)	0-5 (ppm)	2.66 ppm
Water by Karl Fischer	0-2 (%)	0.69%
Iron(Fe)	0-3 (ppm)	0.01 ppm
Appearance (P112143)	white powder	White powder
DNase, RNase and Protease	None Detected	none detected
Solubility in H <sub>2</sub> O , 20G/150MLwater	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager