

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-01 10:39:28
 Date of Next Testing: 2027-11-21 10:39:28
 Product Name: **Potassium chloride**
 CAS Number: 7447-40-7
 Specifications & Purity: Suitable for molecular biology, ≥99.5%
 Lot #: K2528057
 SKU #: **P112143**
 Version: **0**
 Analysis #: **614958**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	99.5-100.5 (%)	100.41000 %
Heavy metal (as Pb)	0-5 (ppm)	0.00000 ppm
Water by Karl Fischer	0-2 (%)	0.13600 %
Iron(Fe)	0-3 (ppm)	0.00000 ppm
Appearance (P112143)	White powder to crystal	White powder to crystal
DNase, RNase and Protease	None Detected	none detected
Solubility in H ₂ O , 20G/150MLwater	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager