

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-01 10:38:54
 Date of Next Testing: 2027-11-21 10:38:54
 Product Name: **Potassium chloride**
 CAS Number: 7447-40-7
 Specifications & Purity: Suitable for molecular biology, $\geq 99.5\%$
 Lot #: K2528053
 SKU #: **P112143**
 Version: **0**
 Analysis #: **615322**
 Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	99.5-100.5 (%)	100.41 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Water by Karl Fischer	0-2 (%)	1.00 %
Iron(Fe)	0-3 (ppm)	0.00 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