

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-10 19:26:43
Date of Next Testing: 2026-11-30 19:26:43
Product Name: **Potassium chloride**
CAS Number: 7447-40-7
Specifications & Purity: for molecular biology, $\geq 99.5\%$
Lot #: L2409190
SKU #: **P112143**
Version: **0**
Analysis #: **447202**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	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 ₂ O , 20G/150MLwater	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager