

Certificate of Analysis

Date of Testing:	2024-04-11 17:56:20
Date of Next Testing:	2027-04-11 17:56:20
Product Name:	Potassium chloride
CAS Number:	7447-40-7
Specifications & Purity:	BioReagent Plus, ≥99.0%
Lot #:	D2408238
SKU #	P433490
Analysis:	336085

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	98.5-101.5 (%)	100.09 %
Insoluble matter	0-0.1 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.001 (%)	0.00 %
Aluminum(Al)	0-0.0005 (%)	0.00 %
Phosphorus (P)	0-0.0005 (%)	0.00 %
Lead(Pb)	0-0.001 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Copper(Cu)	0-0.0005 (%)	0.00 %
Zinc(Zn)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Magnesium(Mg)	0-0.001 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.02 %
Ammonia (NH ₄)	0-0.05 (%)	0.04 %
Appearance(P433490)	White Powder or Crystals	White Powder or Crystals
Solubility in 1M H ₂ O,Clear ,Colorless	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager