

Certificate of Analysis

Date of Testing: 2023-04-10 22:27:59

Date of Next Testing: 2027-04-09 22:27:59

Product Name: **Potassium nitrate**

CAS Number: 7757-79-1

Specifications & Purity: Guaranteed Reagent,99.0%

Lot #: D2306830

SKU #: **P111635**

Analysis: **210160**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Sulfate(SO42-)	0-0.002 (%)	0.00 %
Heavy metal (as Pb)	0-0.0003 (%)	0.00 %
Magnesium(Mg)	0-0.001 (%)	0.00 %
(NO2)Nitrate	0-0.001 (%)	0.00 %
Iodate (IO3-)	0-0.0005 (%)	0.00 %
Total Chlorine(Cl)	0-0.0015 (%)	0.00 %
Clarity test (#)	0-2	1.10
Calcium(Ca)	0-0.001 (%)	0.00 %
Insoluble matter in H2O	0-0.002 (%)	0.00 %
PH(5% in water,25°C)	5-8	5.60
Assay	99-100 (%)	100.00 %
Iron(Fe)	0-0.0001 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.01 %
Ammonia (NH4)	0-0.001 (%)	0.00 %
Phosphate(PO4)	0-0.0005 (%)	0.00 %
Appearance(P111635)	White Powder or Crystals	White Powder or Crystals
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