

Certificate of Analysis

Date of Testing:	2024-07-08 10:52:56
Date of Next Testing:	2028-07-07 10:52:56
Product Name:	Potassium nitrate
CAS Number:	7757-79-1
Specifications & Purity:	reagent grade,99.0%
Lot #:	F2427460
SKU #	P111633
Version	1
Analysis #:	383024
Storage Temperature:	Desiccated

Parameter	Limit Values	Result
PH(5% in water,25°C)	5-8	6.00
Iodate (IO ₃ ⁻)	0-0.0005 (%)	0.00 %
Iron(Fe)	0-0.0002 (ppm)	0.00 ppm
(NO ₂)Nitrate	0-0.001 (%)	0.00 %
Magnesium(Mg)	0-0.002 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.004 (µg/mg)	0.00 µg/mg
Total Chlorine(Cl)	0-0.003 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.003 (%)	0.00 %
Insoluble matter in H ₂ O	0-0.004 (%)	0.00 %
Phospate(PO ₄)	0-0.0005 (%)	0.00 %
Ammonia (NH ₄)	0-0.001 (%)	0.00 %
Assay	99-100 (%)	100.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager