

Certificate of Analysis

Date of Testing: 2023-11-01 14:17:45
 Date of Next Testing: 2027-10-31 14:17:45
 Product Name: **Potassium nitrate**
 CAS Number: 7757-79-1
 Specifications & Purity: reagent grade,99.0%
 Lot #: J2318703
 SKU #: **P111633**
Analysis: **291318**
 Storage Temperature: Desiccated

Parameter	Limit Values	Result
PH(5% in water,25°C)	5-8	7.20
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 (%)	0.01 %
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