

Certificate of Analysis

Date of Testing: 2022-03-12 11:05:45

Date of Next Testing: 2026-03-11 11:05:45

Product Name: **Potassium nitrate**

CAS Number: 7757-79-1

Specifications & Purity: Guaranteed Reagent, 99.0%

Lot #: C2204525

SKU #: **P111635**

Analysis: **078191**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-0.002 (%)	0.00 %
Heavy metal (as Pb)	0-0.0003 (%)	0.00 %
Magnesium(Mg)	0-0.001 (%)	0.00 %
(NO ₂)Nitrate	0-0.001 (%)	0.00 %
Iodate (IO ₃ ⁻)	0-0.0005 (%)	0.00 %
Total Chlorine(Cl)	0-0.0015 (%)	0.00 %
Clarity test (#)	0-2	1.25
Calcium(Ca)	0-0.001 (%)	0.00 %
Insoluble matter in H ₂ O	0-0.002 (%)	0.00 %
PH(5% in water, 25°C)	5-8	5.01
Assay	99-100 (%)	99.05 %
Iron(Fe)	0-0.0001 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.01 %
Ammonia (NH ₄)	0-0.001 (%)	0.00 %
Phosphate(PO ₄)	0-0.0005 (%)	0.00 %



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager