

Certificate of Analysis

Date of Testing: 2024-09-29 09:57:48

Date of Next Testing: 2028-09-28 09:57:48

Product Name: **Potassium nitrate**

CAS Number: 7757-79-1

Specifications & Purity: Guaranteed Reagent,99.0%

Lot #: I2426307

SKU # **P111635**

Version **1**

Analysis #: **414647**

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	0.91
Calcium(Ca)	0-0.001 (%)	0.00 %
Insoluble matter in H2O	0-0.002 (%)	0.00 %
PH(5% in water,25°C)	5-8	6.00
Assay	99-100 (%)	100.00 %
Iron(Fe)	0-0.0001 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.00 %
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



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

John Su
QA & QC Manager