

Certificate of Analysis

Date of Testing: 2022-02-25 17:27:08
 Date of Next Testing: 2026-02-24 17:27:08
 Product Name: **Potassium nitrate**
 CAS Number: 7757-79-1
 Specifications & Purity: reagent grade,99.0%
 Lot #: B2216478
 SKU #: **P111633**
Analysis: **056729**
 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 |



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

John Su
QA & QC Manager