

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	01251
Product	Potassium nitrate
Lot Number	002251-00423
	Nitric acid potassium salt
CAS Number	7757-79-1
Molecular Formula	KNO ₃
Molecular Weight	101.1

Appearance	White crystalline powder
Solubility	32 g in 100 mL water at 20 °C
Heavy Metals	< 5 ppm (as Pb)
Anion	Chloride (Cl ⁻) : < 0.002% Sulfate (SO ₄ ²⁻) : < 0.003% Phosphate (PO ₄ ³⁻) : < 5 ppm Iodate (IO ₃ ⁻) : < 5 ppm Nitrite (NO ₂ ⁻) : < 0.001%
Cation	Iron (Fe) : < 3 ppm Sodium (Na) : 0.0015% Calcium (Ca) : 0.0015% Magnesium (Mg) : 0.0002%
pH	6.62
Insoluble material	0.003%
Assay by titration	99.6%
Grade	ACS reagent
Storage	Store at RT
Additional Information	Identification : Passes test

Certificate of Analysis

Catalog Number: 01251

Lot Number: 002251-00423

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager