

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	30156
Lot Number	002251-01517
Product	Potassium nitrate

Nitric acid potassium salt

CAS Number	7757-79-1
Molecular Formula	KNO ₃

Molecular Weight	101.1
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Appearance	Colorless crystalline powder
Heavy Metals	< 5 ppm
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): 0.004% Magnesium (Mg): 0.0004%
pH	6.78 (5% solution at 25 °C)
Insoluble material	0.003%
Assay by titration	99.39% (KNO ₃)
Storage	Store at RT

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Lot Number: 002251-01517

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