

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	01524
Lot Number	000331-36449
Product	Sodium nitrate

CAS Number	7631-99-4
Molecular Formula	NaNO ₃
Molecular Weight	84.99

Appearance	White crystalline powder
Solubility	88 g in 100 mL water at 20 °C
Melting Point	308 °C (Approx.)
Heavy Metals	1 ppm (Pb)
Anion	Chloride (Cl ⁻): 0.0006% Sulfate (SO ₄ ²⁻): 0.0020% Nitrite (NO ₂ ⁻): Not detected Iodate (IO ₃ ⁻): Not detected Phosphate (PO ₄ ⁻): 1.2 ppm
Cation	Calcium (Ca): 0.0008% Magnesium (Mg): 0.0005% Iron (Fe): 1 ppm
pH	6.22 (5% solution @ 25 °C)
Insoluble material	0.0039%
Assay by titration	99.72%
Grade	ACS reagent
Application	Used as an oxidizer.
Storage	Store at RT

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Catalog Number: 01524

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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