

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00676
Lot Number	000331-33989
Product	Mercury(II) acetate

Mercuric acetate

CAS Number	1600-27-7
Molecular Formula	(C ₂ H ₃ O ₂) ₂ Hg

Molecular Weight	318.7
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Appearance	White powder
Solubility	40 g in 100 mL water at 25 °C Easily soluble in water acidified with acetic acid, in organic solvents.
Melting Point	179 °C (dec) (Approx.)
Heavy Metals	< 0.002% (as Pb) (other)
Anion	Chloride (Cl ⁻): < 0.005% Nitrate (NO ₃ ⁻): < 0.005% Sulfate (SO ₄ ²⁻): < 0.005%
Cation	Iron (Fe): < 0.001%

Insoluble material	0.005%
Related Substances	Mercurous Mercury (as Hg): < 0.4%
Assay by titration	100.46%
Grade	ACS reagent
Application	Determination of nitrate in chromium compounds.
Storage	Store at RT
Additional Information	Residue after reduction: 0.01%

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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