

# *Chem-Impex International, Inc.*

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## *Product Specifications*

**Catalogue Number** 30061  
**Product** **Mercury(II) acetate**

Mercuric acetate

**CAS Number** 1600-27-7  
**Molecular Formula** (C<sub>2</sub>H<sub>3</sub>O<sub>2</sub>)<sub>2</sub>Hg

**Molecular Weight** 318.7

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**Appearance** White solid  
**Solubility** 40 g in 100 mL water at 25 °C  
**Melting Point** ~ 179 °C (dec)  
**Heavy Metals** ≤ 0.002% (as Pb)  
**Trace Metal Analysis** Iron (Fe): ≤ 0.001%  
Mercurous mercury (Hg): ≤ 0.4%  
**Anion** Nitrate (NO<sub>3</sub><sup>-</sup>): ≤ 0.005%  
Chloride (Cl<sup>-</sup>): ≤ 0.005%  
Sulfate (SO<sub>4</sub><sup>2-</sup>): ≤ 0.005%  
**Insoluble material** ≤ 0.01%  
**Assay by titration** ≥ 98.0%  
**Application** Used in determination of nitrate in chromium compounds  
**Storage** Store at RT  
**Additional Information** Residue after reduction: ≤ 0.02%

**For Laboratory Use Only**