

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

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## Certificate of Analysis

**Catalogue Number** 01258  
**Lot Number** 000023-011107  
**Product** **Sodium acetate trihydrate**

Acetic acid sodium salt

**CAS Number** 6131-90-4  
**Molecular Formula**  $C_2H_3O_2Na \cdot 3H_2O$

**Molecular Weight** 136.1

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**Appearance** White crystals  
**Solubility** 125 g in 100 mL water at 20 °C  
**Heavy Metals** < 5 ppm  
**Anion** Chloride (Cl<sup>-</sup>): < 0.001%  
Phosphate (PO<sub>4</sub><sup>3-</sup>): < 5 ppm  
Sulfate (SO<sub>4</sub><sup>2-</sup>): < 0.002%  
**Cation** Calcium (Ca): < 0.005%  
Magnesium (Mg): < 0.002%  
Potassium (K): < 0.004%  
Iron (Fe): < 4 ppm  
**pH** 8.0 (5% solution)  
**Insoluble material** < 0.005% (in H<sub>2</sub>O)  
**Assay by titration** 100.1%  
**Grade** ACS reagent  
**Application** Used as buffers.  
**Storage** Store at RT  
**Additional Information** Substances reducing permanganate: Passes test  
Identification: Passes test

# *Certificate of Analysis*

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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**



**Bala Kumar**  
**Quality Control Manager**