

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

**Catalogue Number** 30203  
**Product** **Sodium perchlorate anhydrous**

**Lot Number** 000052-23049  
Hyperchloric acid sodium salt anhydrous

**CAS Number** 7601-89-0  
**Molecular Formula** NaClO<sub>4</sub>

**Molecular Weight** 122.44

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**Appearance** White powder  
**Solubility** 209 g in 100 mL in water.  
**Melting Point** 130 °C (Approx.)  
**Heavy Metals** < 5 ppm (as Pb)  
**Anion** Chloride (Cl<sup>-</sup>): < 0.003%  
Sulfate (SO<sub>4</sub><sup>2-</sup>): < 0.002%  
**Cation** Calcium (Ca): < 0.02%  
Potassium (K): < 0.05%  
Iron (Fe): < 5 ppm  
**pH** 6.2 (5% solution at 25.0 °C)  
**Insoluble material** < 0.005%  
**Assay by titration** 99.4%  
**Grade** ACS reagent  
**Application** It is used in electrolyte; oxidimetric standard.  
**Storage** Store at RT

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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**