

# Chem-Impex International, Inc.

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## Product Specifications

# BaCO<sub>3</sub>

**Catalogue Number** 30237

**Product** **Barium carbonate**

**CAS Number** 513-77-9

**Molecular Formula** BaCO<sub>3</sub>

**Molecular Weight** 197.3

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**Warnings** *Highly toxic! Irritant!*

**Appearance** White powder

**Solubility** Clear and colorless (10% in water)

**Melting Point** 811 °C

**Density** 4.43 g/cm<sup>3</sup>

**Anion** Chloride (Cl<sup>-</sup>): ≤ 0.01%  
Sulfate (SO<sub>4</sub>): ≤ 0.05%

**Cation** Iron (Fe): ≤ 0.005%  
Lead (Pb): ≤ 0.002%  
Potassium (K): ≤ 0.01%  
Sodium (Na): ≤ 0.05%

**Assay** ≥ 99%

**Application** Preparation of barium standard solution.  
It is used in ceramic glazes, cement, bricks and in rat poison.

**Storage** Store at RT

**For Laboratory Use Only**