

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

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## Certificate of Analysis

**Catalogue Number** 30238  
**Lot Number** 002154-2016-037  
**Product** **Barium carbonate**

**CAS Number** 513-77-9

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

**Molecular Weight** 197.3

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**Appearance** White powder

**Solubility** Clear and colorless (10% solution in dil. Acid)

**Melting Point** 811 °C

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

**Anion** Chloride (Cl<sup>-</sup>): 0.001%  
Sulfate (SO<sub>4</sub>): < 0.001%

**Cation** Iron (Fe): 0.00012%  
Lead (Pb): 0.0005%  
Calcium (Ca): 0.0275%  
Copper (Cu): 0.00025%  
Strontium (Sr): 0.036%  
Potassium (K): 0.00011%  
Sodium (Na): 0.001%

**Assay** 99.78%

**Grade** AR Grade

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

**Storage** Store at RT

**Additional Information** 1. Acid insoluble matter: 0.0054%  
2. Soluble alkali: < 0.015%

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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**