



# WUHAN XINRU CHEMICAL INDUSTRY CO., LTD

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## Technical Data Sheet

**Product name: Barium Carbonate**

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

**Specifications:99.2%**

**Place of origin:China**

**CAS No.: 513-77-9**

**UN NO.:1564**

### Properties:

White powder,density 4. 43g/cm<sup>3</sup> ,melting point 1740℃ ,Insoluble in water and ethanol ,soluble in chloride or ammo nitrate solution to form a complex soluble in nitric,acid emit carbon dioxide, toxic!

### Application:

- 1.Electronics, magnetic material ,welding rod, metallurgy industries.
- 2.Fireworks, ceramic.glaze, glass
- 3.Rat poison,water treatment in Alkali industry.
- 4.In building material ,and making other barium series chemicals.

## CERTIFICATE OF ANALYSIS

Item	standard	Test result
Product name:barium carbonate	Standard specifications based on GB / T1614-1999	Produce time:20180923 Test time:20190925
content (BaCO <sub>3</sub> )	99%min	99.2%
Moisture	0.30%max	0.25%
HCl-insoluble matter	0.25%max	0.22%
Total sulphur(SO <sub>4</sub> )	0.30%max	0.24%
Iron(Fe <sub>2</sub> O <sub>3</sub> )	0.004%max	0.003%
Exterior apperance	White powder	White powder
Bulk density	0.95 g/cm <sup>3</sup> min	0.96g/cm <sup>3</sup>
125um sieve residue	0.30% max	0.25%

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