

#### NS6130-02-299

# **BARIUM SULPHATE**

### Quick Facts

## **Nanoparticles**

Product Barium Sulphate Nanoparticles

Stock No NS6130-02-299 7727-43-7 CAS

Molecular Formula BaSO<sub>4</sub> Form Powder **Purity** 99.9%

#### **Technical** Specification

Molecular Weight	Density	Melting Point	APS
233.43g/mol	4.5g/cm³	1340°C	100nm

Barium sulfate (or sulphate) is the inorganic compound with the chemical formula BaSO4. Barium sulfate occurs naturally as the mineral barite, which is widely found and used as the major source of barium and other barium compounds.

- Used as a filler or to modify the consistency in oil paints.
- It is used in imaging of the GI tract during barium meal.
- Used to diagnose certain disorders of the intestines, stomach, or esophagus.
- It is used in the manufacturing of alloys.
- It is used in the casting of copper anode plates as a coating material.
- It is used as a radiopaque agent.
- It is used as a component in oil well drilling fluids.



APS 100nm









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