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Product Specifications

BaCO₃

Catalogue Number	30238
Product	Barium carbonate
CAS Number	513-77-9
Molecular Formula	BaCO ₃
Molecular Weight	197.3

Warnings	<i>Highly toxic! Irritant!</i>
Appearance	White powder
Solubility	Clear and colorless (10% in Water)
Melting Point	811 °C
Density	4.43 g/cm ³
Anion	Chloride (Cl): ≤ 0.002% Sulfate (SO ₄): ≤ 0.001%
Cation	Iron (Fe): ≤ 0.001% Lead (Pb): ≤ 0.001% Calcium (Ca): ≤ 0.05% Copper (Cu): ≤ 0.001% Strontium (Sr): ≤ 0.3% Potassium (K): ≤ 0.005% Sodium (Na): ≤ 0.02%
Assay	99.0-101.0%
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: ≤ 0.015% 2. Soluble alkali: ≤ 0.015%

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For Laboratory Use Only