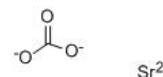


Technical Data Sheet

Strontium carbonate

Compound Information

Product Name:	Strontium carbonate
CAS No.:	1633-05-2
Molecular Formula:	CO ₃ Sr
Molecular Weight:	147.63
Storage:	Store at RT
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Solubility	dilute aqueous acid: slightly soluble(lit.)
Density	3.7 g/mL at 25 °C (lit.)
Application	Used in the preparation of iridescent glass, luminous paints, strontium oxide or strontium salts and in refining sugar and certain drugs
Appearance	White powder
Anion	Chloride (Cl-): ≤ 0.005% Sulfate (SO ₄ ²⁻): ≤ 0.01%
Cation	Iron (Fe): ≤ 0.002%
Purity	≥ 99% (Metals basis)
Specification Reference	Reagent Grade
IR	Pass test
Raman	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.