

SPECIFICATION

Product Name: Calcium Carbonate 39%
Chemical Formula: CaCO ₃
CAS Number: 471-34-1
Molecular Weight: 100.09 g/mol
Appearance: White powder
Odor: Odorless

Chemical Composition

Parameter	Unit	Typical Value	Specification (Min/Max)
CaCO ₃	%	97 %	Min.96-Max.99%
Magnesium Carbonate (as HgCO ₃)	%	1.2%	1.2-1.5%
Calcium as Ca	%	39.4%	Min.39%
Moisture Content	%	Less than 6%	6.0% - 9.0%
Dioxin	mg/kg	Complies	<0.50 mg/kg.
PCBs	mg/kg	Complies	<0.35 mg/kg.
Lead	PPM	Complies	<100 PPM
Arsenic	PPM	Complies	<30 PPM

Physical Properties

- Solubility: Practically Insoluble in water. Insoluble in ethanol. Insoluble in acetone. Insoluble in ether. Insoluble in methanol.

Shelf Life & Storage

- Shelf Life: 5 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a tightly closed container in a cool, dry, and well-ventilated place, protected from moisture, contamination, and acidic environments.

Applications

- Use: Widely used mineral ingredient and a rich source of elemental calcium for pharmaceutical, nutraceutical, food, feed, and dietary supplement applications.



Address: Block - 263/03, Santej,
Ta-Kalol, Dis-Gandhinagar,
Gujarat-382721

Phone : 832 031 0672

Web: www.sbfpharma.com

E-mail: www.sbfpharma.com

CIN: U24230GJ2011PTC064654

-Dosage: Depends on Age and nutritional requirements, Desired elemental calcium intake, Product formulation, Intended application, Regulatory requirements.

Packaging

- Standard Packing: 25 kg HDPE bags with inner liner or as per customer requirement.

-Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.

* Specifications are based on the manufacturer's provided specifications.

