

SPECIFICATION

Product Name: Calcite/ Lime Stone Powder
Chemical Formula: CaCO_3
CAS Number: 471-34-1
Molecular Weight: 100.09 g/mol
Appearance: White to off-white, free-flowing powder or granular form
Odor: Odorless

Chemical Composition

Parameter	Unit	Typical Value
Available Lime As CaO	%	67.62
Available Lime As $\{\text{Ca}(\text{OH})_2\}$	%	90.16
Acid insoluble As (SiO_2)	%	0.42
Moisture as free water	%	0.90
Magnesium as Mgo	%	0.80
Partical Size (mesh)- 200 Bss	%	98.20
Residue +200 Bss	%	1.80

Physical Properties

- Solubility: Slightly soluble in water, soluble in dilute acids
- Free Flowing without lumps or caking

Shelf Life & Storage

- Shelf Life: 3 years from date of manufacture under recommended storage

- Storage Conditions: Store in cool, dry, and well-ventilated area, away from moisture and direct sunlight. Keep packaging intact and sealed.

Applications

- Use: Mineral supplement for livestock and poultry feed to promote growth, fertility, and bone development.
- Dosage: As per animal nutritionist's recommendation.

Packaging

- Standard Packing: 50 kg woven PP bags with inner liner, 5 kgs and 100 grams, 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.