

SPECIFICATION

Product Name: Light kaolin (Cosmetic Grade)
Chemical Formula: $\text{Al}_2\text{Si}_2\text{O}_5(\text{OH})_4$
CAS Number: 1332-58-7
Molecular Weight: 258.16 g/mol
Appearance: Light white powder free from grit particles.
Odor: Odorless.

Chemical Composition

Parameter	Unit	Typical Value	Specification (Min/Max)
Fine Particles	%	78%	NLT 70 %
Coarse Particles	mg/g	18 mg	NMT 25 mg residue per 5 g sample
Identification	- -	Passes Passes	Test A Test B
Soluble Matter	mg/g	2 mg	NMT 10mg residue per 2 g sample
Arsenic	PPM	Passes	Max. 2.0
Chloride	PPM	Passes	Max. 330
Loss on Drying	%	0.38	Max. 1.5
Heavy metals	PPM	Passes	Max. 20
Loss on Ignition (600°C)	%	12.48	Max. 15.0

Physical Properties

- Solubility: Practically insoluble in water. Insoluble in alcohol.

Shelf Life & Storage

- Shelf Life: 5 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a cool, dry, and well-ventilated place. Protect from moisture, humidity, and contamination. Keep container tightly closed after use. Avoid direct sunlight and excessive heat.

Applications

- Use: Used in face packs, face masks, talcum powders, foundations, and soaps. Helps absorb excess oil and impurities from skin. Provides smooth texture and improved spread ability. Used in exfoliating and cleansing formulations. Used in dry shampoos and scalp cleansing products. Acts as a filler and texture enhancer. Used as a functional filler to improve product consistency and finish.
- Dosage: Depends on product type, Desired oil absorption and texture, Particle size and purity, Regulatory and formulation standards.

Packaging

- Standard Packing: 25 kg woven PP bags with inner liner and 100 gram 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.