

SPECIFICATION

Product Name: Calcium Sulphate Anhydrous USP Grade
Chemical Formula: CaSO ₄
CAS Number: 7778-18-9
Molecular Weight: 136.14 g/mol
Appearance: White or almost white crystalline powder
Odor: Odorless

Chemical Composition

Parameter	Unit	Typical Value	Specification (Min./Max.)
Identification A – Test for calcium	-	Complies	To pass test
Identification B – Test for sulphate	-	Complies	To pass test
Assay (Dried basis)	%	98.45%	98.0 % to 101.0 %
Iron	PPM	Complies	Max. 100 PPM
Loss on drying	%	0.82%	Max. 1.5%

Physical Properties

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

Shelf Life & Storage

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

Applications

- Use: Widely used in pharmaceutical, nutraceutical, food, and laboratory applications. It is valued for its high purity, good flow properties, and compatibility with a wide range of formulations.

-Dosage: Depends on on the formulation, desired calcium content, and applicable regulatory requirements.

Packaging

- Standard Packing: 25 Kgs pp bag 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.

