

SPECIFICATION

Product Name: Zinc Sulphate Heptahydrate 21%
Chemical Formula: $ZnSO_4 \cdot 7H_2O$
CAS Number: 7446-20-0
Molecular Weight: 287.54 g/mol
Appearance: White to off-white crystalline powder / granules
Odor: Odorless

Chemical Composition

Parameter	Unit	Typical Value
PH 5% Solution	%	4.18
Zinc AS ZN	%	21.15
Lead In	%	0.003
Arsenic In	%	0.01
Cadmium In	%	BLQ
Sulphate AS Sulphur	%	10.10
Matter In Soluble in Water % By Mass	%	0.09

Physical Properties

- Solubility: Freely soluble in water.

Shelf Life & Storage

- Shelf Life: 2 years from date of manufacture under recommended storage.

- Storage Conditions: Store in a cool, dry, and well-ventilated area. Keep in tightly closed, moisture-proof containers/bags. Protect from humidity and direct sunlight. Keep away from incompatible materials. avoid direct contact with floor and walls.

Applications

- Use: Zinc supplement in premixes and compound feed for poultry, cattle, sheep, goats, and swine. Used in mineral mixtures and veterinary nutritional products. Used in chemical manufacturing, flotation processes, and rayon/viscose processing. Used in limited applications for algae and moss control.
- Dosage: Dosage varies by species, diet composition, and existing zinc level. Use under guidance of a nutritionist or veterinarian.

Packaging

- Standard Packing: 50 kg woven PP 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.