

SPECIFICATION

Product Name: Manganese Sulphate Feed Grade
Chemical Formula: $\text{MnSO}_4 \cdot \text{H}_2\text{O}$
CAS Number: 7785-87-7
Molecular Weight: 169.02 g/mol
Appearance: Light Pink Color Powder
Odor: Odorless

Chemical Composition

Parameter	Unit	Typical Value
Assay	%	98.60
PH	%	6.90
Mn Content	%	32.08
Bulk Density	%	1.379
Iron Content	PPM	12
Insoluble Matter	%	0.038
Chloride	PPM	280
Moisture	%	0.34
Lead	PPM	20

Physical Properties

- Solubility: Freely soluble in water; insoluble in alcohol.
- Light pink to pale red crystalline powder or granules.

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 container tightly closed and protected from moisture, heat, and direct sunlight. Avoid contact with incompatible materials. Place bags on pallets above floor level to prevent moisture absorption.

Applications

- Use: Trace mineral supplement in animal feed. Correct manganese deficiency in livestock and poultry. Supports bone development and skeletal strength. Essential for enzyme activation and metabolic functions. Used in premixes, mineral mixtures, and compound feed formulations. Suitable for cattle, poultry, swine, sheep, goats, and aquaculture feed.
- Dosage: Depends on species, diet composition, and manganese content in the base feed.

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.