

SPECIFICATION

Product Name: Manganese Sulphate Monohydrate Food Grade
Chemical Formula: $\text{MnSO}_4 \cdot \text{H}_2\text{O}$
CAS Number: 10034-96-5
Molecular Weight: 169.02 g/mol
Appearance: Light pink colour
Odor: Odorless

Chemical Composition

Parameter	Unit	Typical Value
Mn Content	%	31.90%
Purity as $\text{MnSO}_4 \cdot 7\text{H}_2\text{O}$	%	98.00%
pH (5% Solution)	-	5 to 6

Physical Properties

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

Shelf Life & Storage

- Shelf Life: 3 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a tightly closed container in a cool, dry, and well-ventilated place, protected from moisture, heat, direct sunlight, and contamination.

Applications

- Use: Widely used in food fortification, nutraceutical, and dietary supplement formulations.
- Dosage: Depends on Age, Nutritional status, Dietary intake, Product formulation, Applicable regulatory limits, Healthcare professional's recommendation.

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.



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* Specifications are based on the manufacturer's provided specifications.

