



Manganese Sulfate Monohydrate

CAS Number: 10034-96-5

DESCRIPTION

Manganese Sulfate Monohydrate is a high-purity manganese source widely used in fertilisers, animal feed, agricultural formulations, and industrial applications. The product provides an essential source of manganese for plant nutrition and animal health, offering excellent water solubility and consistent product quality.

KEY FEATURES

- High manganese content
- Excellent water solubility
- Suitable for fertiliser and feed applications
- Consistent product quality
- Good storage stability
- Low dust handling characteristics

APPLICATIONS

- Micronutrient fertilisers
- Crop nutrition programmes
- Fertiliser blends
- Animal feed supplements
- Agricultural formulations
- Industrial chemical applications



LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.

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This document is subject to revision without notice as new data becomes available.

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TYPICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Appearance	Pale Pink to Off-White Powder
Manganese Sulfate Monohydrate ($\text{MnSO}_4 \cdot \text{H}_2\text{O}$), %	≥ 98.0
Manganese (Mn), %	≥ 31.8
Iron (Fe), %	≤ 0.004
Lead (Pb), %	≤ 0.001
Arsenic (As), %	≤ 0.0005
Cadmium (Cd), %	≤ 0.001
Chloride (Cl), %	≤ 0.005
Water Insoluble Matter, %	≤ 0.05
Fineness (through 250 μm screen), %	≥ 95
Moisture, %	≤ 0.3
pH	5.0 – 7.0

PACKAGING

Available in 25 kg bags, 500 kg bags, 1000 kg jumbo bags, and customised bulk packaging upon request.

STORAGE & HANDLING

Store in a cool, dry, and well-ventilated environment below 30°C. Keep packaging tightly sealed and protected from moisture. Store separately from strong oxidisers and alkaline materials.

SAFETY

Refer to the Safety Data Sheet (SDS) for detailed safety, handling, transport, and regulatory information. Avoid generating or inhaling dust during handling.