

**Product Name:** Magnesium sulfate, anhydrous, 99.5% min, Thermo Scientific Chemicals

**Catalog Number:** 033337.A3

---

**CAS Number:** 7487-88-9

**IUPAC Name:** magnesium(2+) sulfate

**Molecular Formula:** MgO4S

**Molecular Weight:** 120.36

**InChI Key:** CSNNHWWHGAXBCP-UHFFFAOYSA-L

**SMILES:** [Mg++].[O-]S([O-])(=O)=O

**Synonym:** magnesium sulfate magnesium sulfate anhydrous MgSO4 magnesiumsulfat  
magnesium(II) sulfate

## Product Specification

**Form:** Powder

**Loss on Drying:** 2% max

**Trace Metals:** 0.001% max

**Impurity content:** 0.003% Se max

**Assay (unspecified):** 99.5% min

**Impurity content:** 0.014% Cl max

**pH:** 5.0-9.2

**Impurity content:** 20 ppm Fe max

---

**Date Of Print:** 03/13/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*