



**TECHNICAL DATA SHEET(TDS)**  
**Manganese Sulfate Monohydrate, ACS Grade**  
Product Specifications (CAS# 10034-96-5)

| Test                      | Specification    | Typical Results |
|---------------------------|------------------|-----------------|
| Assay                     | 98.0 - 101.0%    | 99.2%           |
| Loss on Ignition          | 10.0 - 12.0%     | 10.7%           |
| Substances reducing KMnO4 | To Pass the Test | Pass            |
| Insoluble Matter          | ≤0.01%           | 0.008%          |
| Chloride                  | ≤0.005%          | 0.001%          |
| Calcium                   | ≤0.005%          | 0.003%          |
| Magnesium                 | ≤0.005%          | 0.004%          |
| Nickel                    | ≤0.02%           | 0.001%          |
| Potassium                 | ≤0.01%           | 0.001%          |
| Sodium                    | ≤0.05%           | 0.001%          |
| Zinc                      | ≤0.005%          | 0.001%          |
| Heavy Metals as Pb        | ≤0.002%          | 0.001%          |
| Iron                      | ≤0.002%          | <0.002%         |

Appropriate/legal use of this product is the responsibility of the user.

[Manganese Sulfate Monohydrate, ACS Grade](#)

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