

**Certificate of Analysis**

**Product: Manganese Sulfate Monohydrate, ACS Grade**

**Item Number: C5190**

**CAS#: 10034-96-5**

**Grade: ACS**

**Lot Number: 241111-M**

**Manufacture Date: 08/31/2023**

**Expiration Date: 08/30/2028**

**Country of Origin: United States**

Tested Property	Specification	Analysis
Description	Off white to Pink Powder	Pink Powder
Assay	98.0 - 101.0%	99.2
Loss on Ignition	10.0 - 12.0%	10.7
Substances reducing KMnO4	To Pass Test	Passes
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

Store in a cool, dry, and well-ventilated environment.

[Manganese Sulfate Monohydrate, ACS Grade](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since

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