

Certificate of Analysis

Product: Manganese Sulfate Monohydrate

Item Number: C5190

Grade: ACS

Lot Number: 240402-M

Manufacture Date: 08/23/2023

Expiration Date: 08/22/2028

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%

[Manganese Sulfate Monohydrate](#)

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 conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for

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