

Certificate of Analysis

Product: Manganese Sulfate
Item Number: C5190
Grade: ACS
Lot Number: 240221-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 KMnO ₄	To Pass Test	Passes
Chloride	≤0.005%	0.001%
Insoluble matter	≤0.01%	0.008%
Calcium	≤0.005%	0.003%
Magnesium	≤0.005%	0.004%
Nickel	≤0.02%	0.001%
Sodium	≤0.05%	0.001%
Potassium	≤0.01%	0.001%
Iron	≤0.002%	0.002%
Zinc	≤0.005%	0.001%
Heavy Metals as Pb	≤0.002%	0.001%

Manganese Sulfate

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

Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: Customerservice@laballey.com,
www.laballey.com,

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

© copyright: 2023 Lab Alley



LAB ALLEY
ESSENTIAL CHEMICALS



particular purposes are made without warranty, expressed or implied.
This document was electronically issued and is therefore valid without a signature.

Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: Customerservice@laballey.com,
www.laballey.com,

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.
© copyright: 2023 Lab Alley