

Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs
5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146
www.qojirafc.com • sales@qojirafc.com

Certificate of Analysis

Manganese Sulfate Monohydrate USP

Catalog Number: MS1007 Lot Number: 0420702 **CAS Number:** 10034-96-5 **Molecular Formula:** MnSO₄•H₂O **Molecular Weight:** 169.02 Storage: 15°C - 30°C **Date of Manufacture:** April 27, 2016 Retest Date: April 26, 2021

Test	Specification	Result
Appearance	Pale, pink fine granular powder	Conforms
Assay ¹	98.0 – 102.0%	99.6%
Identification ¹		
Manganese ID Test	Positive	Conforms
Sulfate ID Test	Positive	Conforms
Loss on Ignition ¹	10.0 - 13.0%	10.64%
Substances Not Precipitated By (NH ₃) ₂ S ¹	≤ 0.5%	0.44%
Lead	≤ 4.00ppm	0.8ppm
Residual Solvents: Purified water is the only solvent used during manufacturing.		
¹ This lot meets the specifications for USP41		

Date: April 20, 2017

Approved by:

John Grubb, PhD

Gojira Fine Chemicals, LLC

Quality Manager

Tel: 440-539-7033 Fax: 888-211-5523

john@gojirafc.com