

# Certificate of Analysis

## Manganese (II) sulfate monohydrate

98.0 %

<b>Product Number</b>	PSI551	<b>CAS No.</b>	10034-96-5
<b>Brand</b>	PureSynth	<b>Lot No.</b>	HUI07H
<b>Molecular Formula</b>	MnO <sub>4</sub> S · H <sub>2</sub> O	<b>Date of Mfg.</b>	July.2022
<b>Molecular Weight</b>	169.02 g/mol	<b>Date of Exp.</b>	June.2024

<b>Test</b>	<b>Specification</b>	<b>Result</b>
Appearance	White to light red to pink solid	Pink solid
Assay (By Titr.)	≥ 98.0 %	99.7 %
Turbidity [1.0g in 10ml H <sub>2</sub> O]	Clear to very slightly hazy	Clear
Loss on ignition	10.0 - 12.0 %	11.1 %
Iron (Fe)	NMT 10 ppm	2.9 ppm
Magnesium (Mg)	NMT 0.02 %	0.004 %
Zinc (Zn)	NMT 50 ppm	1.6 ppm

**Condition:** Store at room temperature and keep the container tightly closed.

**Remark:** The batch complies with the prescribed quality of the above specification.

Approved By  
Head - Technical

*This is a computer-generated report -does not required sign*

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