

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	30166
<b>Lot Number</b>	002251-00123
<b>Product</b>	<b>Manganese(II) sulfate monohydrate</b>
<b>CAS Number</b>	10034-96-5
<b>Molecular Formula</b>	MnO <sub>4</sub> S·H <sub>2</sub> O
<b>Molecular Weight</b>	169

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<b>Appearance</b>	Pink crystalline powder
<b>Heavy Metals</b>	< 0.002% (as Pb)
<b>Anion</b>	Chloride (Cl <sup>-</sup> ) : < 0.005%
<b>Cation</b>	Calcium (Ca) : 0.001% Magnesium (Mg) : 0.0036% Nickel (Ni) : 0.0020% Potassium (K) : 0.0028% Sodium (Na) : 0.003% Zinc (Zn) : 0.0021% Iron (Fe) : < 0.002%
<b>Insoluble material</b>	0.004%
<b>Assay by titration</b>	98.52%
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Loss on ignition : 11.36% Substances reducing permanganate : Passes test
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager