



**SISCO  
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## Certificate of Analysis

<b>Product</b>	<b>75113 - Manganese (II) Chloride Tetrahydrate extrapure, 97% - [13446-34-9]</b>
<b>Batch No</b>	<b>1224876</b>
<b>Analysis Date</b>	31-Jan-2024
<b>Date of Manufacture</b>	January 2024
<b>Expiry Date/Re-Test Date</b>	January 2029
<b>Molecular Formula</b>	MnCl <sub>2</sub> .4H <sub>2</sub> O
<b>Molecular Weight</b>	197.90

Test Parameters	Standards	Actual Results
Appearance (Colour)	Pink	Pink
Appearance (Form)	Crystalline powder to crystal	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Pink	Pink
Assay (Complexometric)	min. 97%	99.2%
Sulphate (SO <sub>4</sub> )	max. 0.05%	Passes
Iron (Fe)	max. 0.005%	Passes
Potassium (K)	max. 0.025%	Passes
Sodium (Na)	max. 0.05%	Passes

FRM/82/11/4/75113 Rev No. 2 Date 19/09/2022

Prepared by Vivek

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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