

Certificate of Analysis

Reference Material

Product Name:	Manganese	Catalogue Number:	LINS001351
Appearance:	Colourless Liquid	Lot Number:	0808-RD-0052
Solvent:	1.5%HCl	Storage:	Room Temp Protected from light and Sealed
Expiry Date:	May 08, 2025		
Chemical Structure:			

Mn

Warning:



NO.	Component	CAS No.	Certified Concentration Value (µg/mL)	Uncertainty (%)
1	Manganese	7439-96-5	1003.7	1

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

CATO Research Chemicals Inc.

Signature:

Prepared by:

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Reviewed by:

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Approved by General manager:

David

Date: May 09, 2022

Date: Aug 10, 2022

Date: Aug 10, 2022

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