



CERTIFICATE OF ANALYSIS

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1. Identification

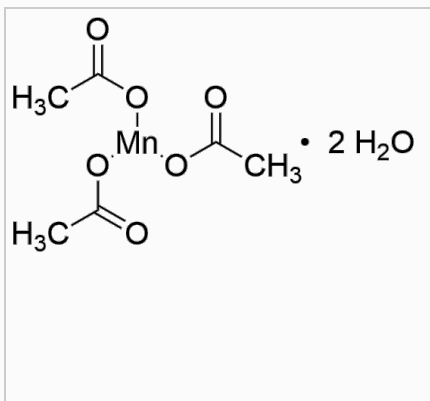
Catalogue Number: T721030

CAS Number: 19513-05-4

Product: Triacetoxymanganese Dihydrate

Synonym: Manganese (III) Acetate Dihydrate;
Manganese Triacetate Dihydrate;

Structure:



Molecular Formula:

$C_6H_9MnO_6 \cdot 2(H_2O)$

Molecular weight:

232.07 + 2(18.02)

Source of Product:

N/A

Solubility:

DMF (Slightly, Heated,
Sonicated), DMSO (Slightly,
Heated), Methanol (Slightly),

Lot Number: 20-ZEA-179-1

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped
At Room Temperature

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Elemental Analysis	Conforms	%C: 25.55, %H: 4.78
Water Content	Report Result	11.6% by Karl Fischer
Appearance	Brown to Very Dark Brown Solid	Dark Brown to Very Dark Brown Solid
MS	Conforms to Structure	Conforms
Manganese Content	Report Result	23.2% by ICP Analysis
FT-IR	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	6/14/2021	6/12/2025