

Certificate of Analysis

Date of Testing: 2023-05-30 15:45:40

Date of Next Testing: 2026-05-29 15:45:40

Product Name: **Manganese(II) nitrate tetrahydrate**

CAS Number: 20694-39-7

Specifications & Purity: 98%

Lot #: E23081166

SKU #: **M191978**

Analysis: **214342**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Manganese(Mn)	20.9-21.9 (%)	21.64 %
Water by Karl Fischer	26-30 (%)	27.68 %
Appearance (M191978)	White to dark red or Violet solid or liquid	White to dark red or Violet solid or liquid
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager