

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-22 15:11:56

Date of Next Testing: 2025-10-21 15:11:56

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

CAS Number: 20694-39-7

Specifications & Purity: $\geq 98\%$

Lot #: J2215459

SKU #: **M191978**

Version: **1**

Analysis #: **136405**

Storage Temperature: Room temperature, Argon charged, Cool

Parameter	Limit Values	Result
Water by Karl Fischer	26-30 (%)	29.42970 %
Manganese(Mn)	20.9-21.9 (%)	21.19000 %
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



John Su
QA & QC Manager