

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-11 13:31:21
 Date of Next Testing: 2026-09-10 13:31:21
 Product Name: **Manganese(II) nitrate tetrahydrate**
 CAS Number: 20694-39-7
 Specifications & Purity: $\geq 98\%$
 Lot #: I2305238
 SKU #: **M191978**
 Version: **1**
 Analysis #: **214342**
 Storage Temperature: Room temperature, Argon charged, Cool

Parameter	Limit Values	Result
Manganese(Mn)	20.9-21.9 (%)	21.64000 %
Water by Karl Fischer	26-30 (%)	27.67950 %
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