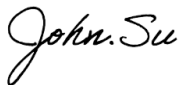


ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-12 16:23:13
Date of Next Testing: 2028-07-11 16:23:13
Product Name: **Manganese(II) nitrate tetrahydrate**
CAS Number: 20694-39-7
Specifications & Purity: $\geq 98\%$
Lot #: G2501341
SKU #: **M191978**
Version: **1**
Analysis #: **532865**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Mn(Complexometric EDTA)	20.9-21.9 (%)	21.63%
Water by Karl Fischer	26-30 (%)	29.89%
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