

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-23 15:17:12

Date of Next Testing: 2026-07-22 15:17:12

Product Name: **Manganese sulfate monohydrate**

CAS Number: 10034-96-5

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis

Lot #: G2221134

SKU #: **M111711**

Version: **0**

Analysis #: **111228**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
loss on ignition(700°C)	10-12 (%)	11.24000 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99010 %
Total Metallic Impuritie	0-200 (ppm)	99.00000 ppm
Appearance (M111711)	White to Pale Pink Powder	White to Pale Pink Powder
ICP:Confirms Manganese Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager