

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-10 16:15:52
 Date of Next Testing: 2027-11-09 16:15:52
 Product Name: **Bis(2,4-pentanedionato)manganese Dihydrate**
 CAS Number: 14024-58-9
 Specifications & Purity: $\geq 97\%$
 Lot #: K2308246
 SKU #: **B152272**
 Version: **0**
 Analysis #: **131009**

Parameter	Limit Values	Result
Water by Karl Fischer	9.5-14 (%)	12.15 %
Mn by ICP	18-19.5 (%)	19.00 %
Purity(Chelometric Titration)	96.5-103.5 (%)	101.13 %
Appearance (B152272)	White to Yellow to Tan or Light Brown Powder	White to Yellow to Tan or Light Brown Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager