

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-10-23 11:52:45
Date of Next Testing:	2026-10-22 11:52:45
Product Name:	(R,R)-(-)-N,N'-Bis(3,5-di-tertbutylsalicylidene)-1,2-cyclohexanediaminomanganese(III) chloride
CAS Number:	138124-32-0
Specifications & Purity:	98%
Lot #:	J2314286
SKU #	R587112
Analysis:	270505
Storage Temperature:	Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.23%
Carbon by Elemental Analysis	65.35-69.43 (%)	67.84%
Nitrogen by Elemental Analysis	4.23-4.50 (%)	4.41%
Enantiomeric Excess	98-100 (%)	98.01000%
Appearance(R587112)	Orange to brown to dark brown powder to crystal	Orange to brown to dark brown powder to crystal
ICP:Confirms Manganese Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager