

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-21 13:47:16
Date of Next Testing: 2025-06-10 13:47:16
Product Name: (1,5-Cyclooctadiene)ruthenium chloride
CAS Number: 50982-13-3
Specifications & Purity: Ru 35.8-36.1%
Lot #: F2315969
SKU #: D107649
Analysis: 081545

Parameter	Limit Values	Result
Ru (After Reduction with Mg)	35.8-36.1 (%)	35.86%
Carbon by Elemental Analysis	33.2-34.8 (%)	34.79%
Appearance (D107649)	brown powder	brown powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager