

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-12 16:45:08  
Date of Next Testing: 2027-06-12 16:45:08  
Product Name: **RuCl[(R,R)-TsDPEN](mesitylene)**  
CAS Number: 174813-82-2  
Specifications & Purity:  $\geq 90\%$ (HPLC)  
Lot #: K2116454  
SKU #: **R138379**  
Version: **0**  
Analysis #: **522953**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	90-100 (%)	98.49600 %
Carbon by Elemental Analysis	51-54.9 (%)	52.44 %
Appearance (R138379)	Yellow to Orange to Brown Powder, Crystals, Chunks	Yellow to Orange to Brown Powder, Crystals, Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager