

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-22 10:25:00
 Date of Next Testing: 2028-01-12 10:25:00
 Product Name: **Bis(cyclopentadienyl)ruthenium(II)**
 CAS Number: 1287-13-4
 Specifications & Purity: $\geq 97\%$
 Lot #: A2615041
 SKU #: **B118517**
 Version: **0**
 Analysis #: **647608**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Ruthenium (Ru)	42.4-44.6 (%)	42.43000 %
Purity (Elemental Analysis)	97-100 (%)	99.84700 %
Melting point	199-205 (°C)	199.60000 °C
Appearance (B118517)	Off-white to Faint Yellow to Yellow to Beige Powder or Crystals	Off-white to Faint Yellow to Yellow to Beige Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
NMR (1H-NMR)	complies	complies



John Su
QA & QC Manager