

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-15 10:30:37

Date of Next Testing: 2028-10-14 10:30:37

Product Name: Chloro[hydrotris(pyrazol-1-yl)borato]bis(triphenylphosphine)ruthenium(II) ethanol adduct

CAS Number: 141686-21-7

Specifications & Purity: ≥95%

Lot #: I2528099

SKU #: C488034

Version: 1

Analysis #: 208075

Storage Temperature: Protected from light, Argon charged

| Parameter                      | Limit Values              | Result                    |
|--------------------------------|---------------------------|---------------------------|
| Carbon by Elemental Analysis   | 57.12-65.71 (%)           | 57.87%                    |
| Nitrogen by Elemental Analysis | 8.51-9.79 (%)             | 8.91%                     |
| Ru(Gravimetric Analysis )      | 10.24-11.78 (%)           | 10.27%                    |
| Appearance(C488034)            | Yellow powder or crystals | yellow powder or crystals |
| Infrared spectrum              | conforms to structure     | Conforms to Structure     |



John Su  
QA & QC Manager