

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-06 17:20:18

Date of Next Testing: 2026-06-05 17:20:18

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

CAS Number: 141686-21-7

Specifications & Purity: $\geq 95\%$

Lot #: E2330780

SKU #: **C488034**

Version: **1**

Analysis #: **208075**

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	57.12-65.71 (%)	57.87300 %
Nitrogen by Elemental Analysis	8.51-9.79 (%)	8.90700 %
Ru(Gravimetric Analysis)	10.24-11.78 (%)	10.27000 %
Appearance(C488034)	Yellow powder or crystals	yellow powder or crystals
Infrared spectrum	conforms to structure	Conforms to Structure



John Su
QA & QC Manager