

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-11 14:03:48

Date of Next Testing: 2026-02-10 14:03:48

Product Name: Tri(i-propoxy)phosphine(3-phenyl-1H-inden-1-ylidene)[1,3-bis(2,4,6-trimethylphenyl)-4,5-dihydroimidazol-2-ylidene]ruthenium (II) dichloride

CAS Number: 1255536-61-8

Specifications & Purity: ≥95%

Lot #: B2306491

SKU #: T282790

Version: 2

Analysis #: 161965

Storage Temperature: Store at 2-8°C, Protected from light, Desiccated

Parameter	Limit Values	Result
Ruthenium (Ru)	10.5-12.5 (%)	11.46000 %
Appearance(T282790)	Brown to Very Dark Brown Powder	Brown to Very Dark Brown Powder
ICP: Confirms Ruthenium Component	Confirmed	Confirmed
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
31P NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager