

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-28 10:58:28

Date of Next Testing: 2028-05-27 10:58:28

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 #: E2527627

SKU #: T282790

Version: 2

Analysis #: 515669

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