

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-26 15:16:39
Date of Next Testing: 2027-09-25 15:16:39
Product Name: **Dichloro(p-cymene)(triphenylphosphane)ruthenium(II)**
CAS Number: 52490-94-5
Specifications & Purity: 98%
Lot #: 12321648
SKU #: **D299621**
Analysis: 273822
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter | Limit Values | Result |
|---------------------|-------------------------------|-------------------------------|
| Purity(As C) | 98-100 (%) | 98.00 % |
| Assay(Ru) | 17.15-18.28 (%) | 17.15 % |
| Appearance(D299621) | Orange red crystalline powder | Orange red crystalline powder |
| NMR Spectrum 1H | Conforms to structure | Conforms to Structure |



John Su
QA & QC Manager