

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-09 10:18:06

Date of Next Testing: 2025-07-29 10:18:06

Product Name: **Bis(dicyclohexylphosphinophenyl) ether**

CAS Number: 434336-16-0

Specifications & Purity:  $\geq 97\%$

Lot #: K2116190

SKU # **B123231**

Version **0**

**Analysis #:** **261868**

Storage Temperature: Room temperature, Argon charged

| Parameter                    | Limit Values          | Result                |
|------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                 | 97-100 (%)            | 98.10000 %            |
| Carbon by Elemental Analysis | 74.2-79.5 (%)         | 75.99000 %            |
| Appearance (B123231)         | white to beige powder | white to beige powder |
| Phosphorus NMR Spectra       | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum          | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager