

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2026-03-20 14:47:46

Date of Next Testing: 2029-03-19 14:47:46

Product Name: **2,2'-Bis(di-p-tolylphosphino)-1,1'-binaphthyl**

CAS Number: 153305-67-0

Specifications & Purity: ≥98%

Lot #: F23021121

SKU #: **B330936**

Version: **1**

Analysis #: **671720**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter           | Limit Values             | Result                   |
|---------------------|--------------------------|--------------------------|
| Purity(HPLC)        | 98-100 (%)               | 98.00000 %               |
| Appearance(B330936) | White Crystals or powder | white Crystals or powder |
| 31P NMR spectrum    | Conforms to structure    | Conforms to Structure    |
| Proton NMR spectrum | Conforms to structure    | Conforms to Structure    |



John Su  
QA & QC Manager