

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-15 16:23:40

Date of Next Testing: 2028-04-14 16:23:40

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

CAS Number: 153305-67-0

Specifications & Purity: ≥98%

Lot #: F2229163

SKU #: **B330936**

Version: **1**

Analysis #: **493968**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.48900 %
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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager