

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-24 16:54:42
 Date of Next Testing: 2028-11-23 16:54:42
 Product Name: (11bS)-N-(Diphenylmethyl)-N-(i-propyl)dinaphtho[2,1-d:1",2"-f][1,3,2]dioxaphosphhepin-4-amine
 CAS Number: 1637749-69-9
 Specifications & Purity: ≥95%
 Lot #: B23091132
 SKU #: D281950
 Version: 1
 Analysis #: 608538
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.88700 %
Enantiomeric Excess	99-100 (%)	99.52600 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager