

Certificate of Analysis

Date of Testing: 2025-04-08 14:34:00

Date of Next Testing: 2028-04-07 14:34:00

Product Name: **(11bS)-N-(Diphenylmethyl)-N-(i-propyl)dinaphtho[2,1-d:1',2'-f][1,3,2]dioxaphosphepin-4-amine**

CAS Number: 1637749-69-9

Specifications & Purity: $\geq 95\%$

Lot #: C2528130

SKU #: **D281950**

Version: **1**

Analysis #: **161621**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Enantiomeric Excess	99-100 (%)	99.50000 %
Purity(HPLC)	95-100 (%)	97.34000 %
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager