

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-26 22:26:28  
Date of Next Testing: 2026-06-25 22:26:28  
Product Name: (6aR)-14-Hydroxy-6,7-diphenyl-14-oxide-dinaphtho[1,2-d:2',1'-f]  
[1,3,2]dioxaphosphopin  
CAS Number: 956610-76-7  
Specifications & Purity: 97%, 99% ee  
Lot #: F23161359  
SKU #: H282304  
Analysis: 227517

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	98.47 %
Enantiomeric Excess	99-100 (%)	99.50200 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(H282304)	White to Light Yellow Powder	white to light yellow powder



John Su  
QA & QC Manager