

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-21 18:08:13

Date of Next Testing: 2029-05-20 18:08:13

Product Name: (R)-[1,1'-Binaphthalene]-2,2'-diylbis[1,1-diphenyl-1,1'-phosphine oxide]

CAS Number: 94041-16-4

Specifications & Purity: $\geq 98\%$

Lot #: E2619484

SKU #: R305009

Version: 1

Analysis #: 700406

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

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	100.00000 %
Enantiomeric Excess	99-100 (%)	100.00000 %
LC-MS for identification	Conforms	Conforms
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager