

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-10 10:26:50

Date of Next Testing: 2026-08-09 10:26:50

Product Name: (1R,2R)-N,N-Bis{2-[bis(3,5-dimethylphenyl)phosphino]benzyl}cyclohexane-1,2-diamine

CAS Number: 1150113-66-8

Specifications & Purity: 97%

Lot #: H2301677

SKU #: R282227

Analysis: 248287

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

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	97.67 %
Enantiomeric Excess	98-100 (%)	98.03000 %
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager