

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-12 16:38:03
 Date of Next Testing: 2026-06-11 16:38:03
 Product Name: **(R)-1-(Diphenylphosphino)-2-amino-3-methylbutane**
 CAS Number: 1400149-69-0
 Specifications & Purity: $\geq 97\%$
 Lot #: F2306355
 SKU #: **R282212**
 Version: **1**
 Analysis #: **209525**
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	98.68300 %
Specific Rotation [α] ₂₀ /D(c=0.5% in CHCL ₃)	-101--87 (°)	-87.00900 °
Appearance(R282212)	Colorless to Yellow and Colorless to Brown-Yellow and Colorless to Brown Liquid	Colorless to Yellow and Colorless to Brown-Yellow and Colorless to Brown Liquid
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager