

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-22 11:29:36

Date of Next Testing: 2026-02-21 11:29:36

Product Name: (R,R)-DACH-phenyl Trost ligand

CAS Number: 138517-61-0

Specifications & Purity: ≥95%

Lot #: D1812171

SKU #: D123112

Version: 0

Analysis #: 076478

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in MeOH)	124-138 (°)	132.51000 °
Carbon by Elemental Analysis	71.9-81.1 (%)	75.04000 %
Purity(HPLC)	95-100 (%)	99.81000 %
Nitrogen by Elemental Analysis	3.8-4.3 (%)	3.92000 %
Appearance (D123112)	White to Tan Solid	White to Tan Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager