

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-03 11:01:13

Date of Next Testing: 2026-07-02 11:01:13

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

CAS Number: 138517-61-0

Specifications & Purity: $\geq 95\%$

Lot #: F2230092

SKU #: **D123112**

Version: **0**

Analysis #: **094395**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in MeOH})}$	124-138 (°)	133.70000 °
Carbon by Elemental Analysis	71.9-81.1 (%)	75.07000 %
Purity(HPLC)	95-100 (%)	99.50000 %
Nitrogen by Elemental Analysis	3.8-4.3 (%)	4.03000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (D123112)	White to Tan Solid	White to Tan Solid



John Su
QA & QC Manager