

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-31 10:44:55

Date of Next Testing: 2030-07-30 10:44:55

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

CAS Number: 169689-05-8

Specifications & Purity: $\geq 95\%$

Lot #: J2218262

SKU #: **S115627**

Version: **1**

Analysis #: **748219**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in MeOH})}$	-141--127 (°)	-127.80000 °
Carbon by Elemental Analysis	71.9-81.1 (%)	75.60000 %
Nitrogen by Elemental Analysis	3.8-4.3 (%)	3.90000 %
Purity(As C)	95-100 (%)	97.00000 %
Appearance (S115627)	White to Tan Solid, Powder, Crystals and/or Chunks	White to Tan Solid, Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager