

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-10 13:48:46

Date of Next Testing: 2029-10-09 13:48:46

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

CAS Number: 169689-05-8

Specifications & Purity: ≥95%

Lot #: B1411023

SKU #: S115627

Version: 1

Analysis #: 578759

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in MeOH)	-141--127 (°)	-128.60000 °
Carbon by Elemental Analysis	71.9-81.1 (%)	75.40000 %
Nitrogen by Elemental Analysis	3.8-4.3 (%)	4.15000 %
Purity(As C)	95-100 (%)	95.14000 %
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