

Certificate of Analysis

Date of Testing: 2023-07-02 20:30:49

Date of Next Testing: 2027-07-01 20:30:49

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

CAS Number: 138517-61-0

Specifications & Purity: 95%

Lot #: F2317966

SKU #: **D123112**

Analysis: **094395**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in MeOH)	124-138 (°)	133.70°
Carbon by Elemental Analysis	71.9-81.1 (%)	75.07%
Purity(HPLC)	95-100 (%)	99.50000%
Nitrogen by Elemental Analysis	3.8-4.3 (%)	4.03%
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (D123112)	White to Tan Solid	White to Tan Solid



John Su
QA & QC Manager