

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-11 13:29:48

Date of Next Testing: 2027-04-10 13:29:48

Product Name: (S,S)-(+)-N,N'-Bis(3,5-di-tert-butylsalicylidene) -1,2-cyclohexanediamine

CAS Number: 135616-36-3

Specifications & Purity: ≥98%

Lot #: H1503055

SKU #: B117999

Version: 2

Analysis #: 209024

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 CH ₂ CL ₂)	300-330 (°)	319.30000 °
Nitrogen by Elemental Analysis	4.9-5.3 (%)	5.20000 %
Carbon by Elemental Analysis	77.1-81 (%)	80.00000 %
Purity(HPLC)	98-100 (%)	99.00000 %
Appearance (B117999)	white to yellow powder or crystals	White to yellow powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager