

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-24 15:02:54
 Date of Next Testing: 2029-03-23 15:02:54
 Product Name: (S)-(-)-2-Amino-2'-hydroxy-1,1'-binaphthyl
 CAS Number: 137848-29-4
 Specifications & Purity: ≥98%
 Lot #: C2508099
 SKU #: A120831
 Version: 1
 Analysis #: 139375
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97-100 (%)	98.63000 %
Melting point	171-175 (°C)	172.83000 °C
Purity(HPLC)	98-100 (%)	99.17300 %
Optical purity	98-100 (%)	99.35200 %
Specific Rotation [α] ₂₀ /D(c=1 in THF)	-123--117 (°)	-122.84900 °
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance (A120831)	White to red crystals or powder	White to red crystals or powder



John Su
QA & QC Manager