

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-28 16:27:47
 Date of Next Testing: 2029-04-27 16:27:47
 Product Name: (R)-(+)-1,1'-Binaphthyl-2,2'-diamine
 CAS Number: 18741-85-0
 Specifications & Purity: ≥99%
 Lot #: D2624360
 SKU #: R138409
 Version: 0
 Analysis #: 691668
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.87600 %
Melting point	240-244 (°C)	243.32000 °C
Specific Rotation [α] ₂₀ /D(c=1 in Pyridine)	154-158 (°)	154.02000 °
Appearance (R138409)	white to off-white to pink to yellow-red powder	white to off-white to pink to yellow-red powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager