

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-02 16:32:43
Date of Next Testing: 2028-07-01 16:32:43
Product Name: **(R)-(+)-1,1'-Binaphthyl-2,2'-diamine**
CAS Number: 18741-85-0
Specifications & Purity: $\geq 99\%$
Lot #: F2527212
SKU #: **R138409**
Version: **0**
Analysis #: **527639**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	240-244 (°C)	242.48000 °C
Purity(HPLC)	99-100 (%)	99.36300 %
Specific Rotation $[\alpha]_{20/D}(c=1$ in Pyridine)	154-158 (°)	154.20000 °
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