

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-02 16:24:59
Date of Next Testing: 2027-01-01 16:24:59
Product Name: **(R)-(+)-1,1'-Binaphthyl-2,2'-diamine**
CAS Number: 18741-85-0
Specifications & Purity: $\geq 99\%$
Lot #: C2125290
SKU #: **R138409**
Analysis: **310103**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.14320 %
Specific Rotation $[\alpha]_{20}^D(c=1$ in Pyridine)	154-158 (°)	157.28 °
Melting point	240-244 (°C)	240.36000 °C
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