

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-04-21 10:10:41

Date of Next Testing: 2028-04-20 10:10:41

Product Name: (R)-(+)-1,1'-Binaphthyl-2,2'-diamine

CAS Number: 18741-85-0

Specifications & Purity: $\geq 99\%$

Lot #: D2517254

SKU #: S70524

Version: 0

Analysis #: 501199

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.63100 %
Specific Rotation [a] _D ²⁰ (c=1 in Pyridine)	154-158 (°)	155.94 °
Melting point	240-244 (°C)	242.48000 °C
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(S70524)	white to off-white to pink to yellow-red powder	white to off-white to pink to yellow-red powder

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

