

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-07 14:15:32
 Date of Next Testing: 2025-03-06 14:15:32
 Product Name: (R)-2 , 2'-Bis(methoxymethoxy)-1 , 1'-binaphthyl
 CAS Number: 173831-50-0
 Specifications & Purity: ≥97%
 Lot #: I1726001
 SKU # R134324
 Version 0
 Analysis #: 194922
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	100-104 (°C)	100.36000 °C
Purity(HPLC)	97-100 (%)	98.21500 %
Specific Rotation [α] _{20/D} (c=1 in CHCL ₃)	87-97 (°)	88.36000 °
Appearance (R134324)	White to brown powder,crystals and/or chunks	White to brown powder,crystals and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager