

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-13 16:07:49

Date of Next Testing: 2028-04-12 16:07:49

Product Name: **(R)-(+)-2,2'-Bis(diphenylphosphino)-6,6'-dimethoxy-1,1'-biphenyl**

CAS Number: 133545-16-1

Specifications & Purity: $\geq 97\%$

Lot #: F2205481

SKU #: **R396776**

Version: **2**

Analysis #: **688631**

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.02000 %
Melting point	211-218 (°C)	214.30000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in Toluene})$	91-113 (°)	101.40000 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager