

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-25 09:12:26
Date of Next Testing: 2028-02-25 09:12:26
Product Name: **(R)-(+)-2,2'-Bis(diphenylphosphino)-6,6'-dimethoxy-1,1'-biphenyl**
CAS Number: 133545-16-1
Specifications & Purity: $\geq 97\%$
Lot #: F2205524
SKU #: **R396776**
Version: **2**
Analysis #: **656389**
Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.27000 %
Melting point	211-218 (°C)	215.99800 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in Toluene})$	91-113 (°)	103.08 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager