

Certificate of Analysis

Date of Testing: 2023-09-09 08:47:31

Date of Next Testing: 2026-09-08 08:47:31

Product Name: (R)-(-)-2,2'-Bis[di(3,5-di-t-butyl-4-methoxyphenyl)phosphino]-6,6'-dimethoxy-1,1'-biphenyl

CAS Number: 352655-61-9

Specifications & Purity: $\geq 97\%$

Lot #: I2305635

SKU #: R281804

Version: 1

Analysis #: 253927

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Enantiomeric Excess	99-100 (%)	99.86600 %
Purity(HPLC area)	97-100 (%)	99.03 %
Appearance(R281804)	White to off-white Solid	White to off-white solid
Phosphorus NMR spectrum	conforms to structure	Conforms to Structure
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager