

Certificate of Analysis

Date of Testing: 2023-11-10 16:52:24

Date of Next Testing: 2026-11-09 16:52:24

Product Name: (S)-(-)-4-[2-(Diphenylphosphino)-1-naphthalenyl]-N-[(R)-1-phenylethyl]-1-phthalazinamine

CAS Number: 828927-96-4

Specifications & Purity: 97%

Lot #: K2306588

SKU #: S282048

Analysis: 264279

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

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	98.14 %
Specific rotation $[\alpha]_{20/D}(C=0.54, CHCl_3)$	-164~-160 (°)	-163.97000 °
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager