

Certificate of Analysis

Date of Testing: 2024-12-24 16:09:17

Date of Next Testing: 2027-12-24 16:09:17

Product Name: (R)-4-oxide-2,6-bis[4-(4-methoxyphenyl)--8,9,10,11,12,13,14,15-octahydro-4-hydroxydinaphtho[2,1-d:1,2-f][1,3,2]dioxaphosphepin

CAS Number: 1011465-27-2

Specifications & Purity: $\geq 98\%$, $\geq 99\%$ (ee)

Lot #: B2222517

SKU #: B281873

Version: 1

Analysis #: 446333

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.03800 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager