

Certificate of Analysis

Date of Testing: 2024-01-26 10:54:04

Date of Next Testing: 2027-01-25 10:54:04

Product Name: (11aR)-3,7-Bis([1,1'-biphenyl]-4-yl)-10,11,12,13-tetrahydro-5-hydroxy-diindeno[7,1-de:1',7'-fg][1,3,2]dioxaphosphocin

CAS Number: 1297613-77-4

Specifications & Purity: 98%,99% ee

Lot #: A2420060

SKU # B281852

Analysis: 305375

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

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.01000 %
Enantiomeric Excess	99-100 (%)	99.95400 %
LC-MS for identification	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager