

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-18 13:59:14

Date of Next Testing: 2026-10-17 13:59:14

Product Name: **(S,Sp)-Ph-Phosferrox**

CAS Number: 163169-12-8

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

Lot #: J2314298

SKU #: **R587533**

Version: **2**

Analysis #: **267810**

Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(As C)	98-100 (%)	98.87000 %
Nitrogen by Elemental Analysis	2.607-2.780 (%)	2.77400 %
Enantiomeric Excess	99-100 (%)	99.02000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Phosphorus NMR Spectra	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager