

Certificate of Analysis

Date of Testing: 2025-05-08 10:33:02

Date of Next Testing: 2028-05-07 10:33:02

Product Name: (S)-(+)-(3,5-Dioxa-4-phospha-cyclohepta[2,1-a;3,4-a']dinaphthalen-4-yl)benzyl(methyl)amine

CAS Number: 490023-37-5

Specifications & Purity: $\geq 99\%$

Lot #: H2206444

SKU #: D359411

Version: 1

Analysis #: 506773

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.14200 %
Enantiomeric Excess	99-100 (%)	99.59600 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Phosphorus NMR spectrum	conforms to structure	Conforms to Structure



John Su
QA & QC Manager