

Certificate of Analysis

Date of Testing: 2025-07-14 16:00:57

Date of Next Testing: 2027-07-14 16:00:57

Product Name: (R,R,R)-(3,5-Dioxa-4-phosphacyclohepta[2,1-a:3,4-a']dinaphthalen-4-yl)bis(1-phenylethyl)amine

CAS Number: 415918-91-1

Specifications & Purity: $\geq 95\%$

Lot #: A2206306

SKU #: S138818

Version: 0

Analysis #: 539434

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Enantiometric Excess	98-100 (%)	99.00 %
Purity(HPLC)	95-100 (%)	98.06000 %
Appearance (S138818)	White to Orange to Green powder to crystal	White to Orange to Green powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager