

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-28 20:19:38

Date of Next Testing: 2027-02-27 20:19:38

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

CAS Number: 209482-27-9

Specifications & Purity: 97%

Lot #: B2324669

SKU #: **S161297**

Analysis: **150246**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	97.25 %
Enantiomeric Excess	98-100 (%)	99.00000 %
Appearance(S161297)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager