

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-05 13:28:32
 Date of Next Testing: 2025-07-04 13:28:32
 Product Name: **(R)-SIPHOS-PE**
 CAS Number: 500997-69-3
 Specifications & Purity: $\geq 98\%$
 Lot #: F2327909
 SKU #: **T282108**
 Version: **1**
 Analysis #: **228424**
 Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{22}^D(c=1\% \text{ in } \text{CHCl}_3)$	303.1-370.5 ($^{\circ}$)	343.00500 $^{\circ}$
Purity(HPLC area)	98-100 (%)	98.82000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(T282108)	White to Beige powder	white to beige powder



John Su
QA & QC Manager