

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-12 14:21:10

Date of Next Testing: 2026-06-11 14:21:10

Product Name: (R)-5,5',6,6',7,7',8,8'-Octahydro-1,1'-binaphth-2,2'-yl phosphate

CAS Number: 297752-25-1

Specifications & Purity: 98%,99% ee

Lot #: F23051064

SKU #: O282006

Analysis: 208700

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.54 %
Enantiomeric Excess	99-100 (%)	99.36000 %
Appearance(O282006)	White to Light-yellow Powder or Solid	white to light-yellow powder or solid
NMR Spectrum 1H	Conforms to structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager