

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2023-09-07 14:14:31

Date of Next Testing: 2026-09-06 14:14:31

Product Name: **(1S,4S)-2,5-Diphenylbicyclo[2,2,2]octa-2,5-diene**

CAS Number: 850409-83-5

Specifications & Purity:  $\geq 95\%$

Lot #: I2301536

SKU # **S467435**

Version **1**

**Analysis #:** **262674**

Storage Temperature: Protected from light, Store at -20°C, Argon charged

| Parameter                                                                      | Limit Values                                          | Result                                                |
|--------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| Specific Rotation<br>[ $\alpha$ ] <sub>20/D</sub> (c=0.7%, CHCl <sub>3</sub> ) | 27-39 (°)                                             | 30.56900°                                             |
| Carbon by Elemental Analysis                                                   | 87.4-98.6 (%)                                         | 92.74800%                                             |
| Appearance(S467435)                                                            | White to Brown Powder, Crystals or Crystalline Powder | White to Brown Powder, Crystals or Crystalline Powder |
| Infrared spectrum                                                              | Conforms to Structure                                 | Conforms to Structure                                 |



John Su  
QA & QC Manager