

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

|                          |                                                            |
|--------------------------|------------------------------------------------------------|
| Date of Testing:         | 2025-09-22 10:26:08                                        |
| Date of Next Testing:    | 2028-09-21 10:26:08                                        |
| Product Name:            | (S)-3,3'-Di-9-phenanthrenyl-[1,1'-binaphthalene]-2,2'-diol |
| CAS Number:              | 957111-25-0                                                |
| Specifications & Purity: | ≥98%                                                       |
| Lot #:                   | I2510015                                                   |
| SKU #                    | R469969                                                    |
| Version                  | 1                                                          |
| Analysis #:              | 204332                                                     |
| Storage Temperature:     | Store at 2-8°C, Argon charged                              |

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(HPLC area)        | 98-100 (%)            | 99.32300 %            |
| Appearance(R469969)      | white powder          | White powder          |
| Proton NMR spectrum      | Conforms to Structure | Conforms to Structure |
| LC-MS for identification | Conforms              | Conforms              |



John Su  
QA & QC Manager