

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-08 14:28:10

Date of Next Testing: 2028-10-07 14:28:10

Product Name: (R)-(+)-alpha,alpha-Diphenylprolinol

CAS Number: 22348-32-9

Specifications & Purity: ≥99%

Lot #: I2419083

SKU #: A120754

Version: 1

Analysis #: 370070

Storage Temperature: Room temperature, Argon charged

| Parameter                                           | Limit Values                          | Result                                |
|-----------------------------------------------------|---------------------------------------|---------------------------------------|
| Purity(HPLC)                                        | 99-100 (%)                            | 99.05000 %                            |
| Specific Rotation [α] <sub>20</sub> /D(c=2 in MeOH) | 55-61 (°)                             | 56.81000 °                            |
| Melting point                                       | 77-80 (°C)                            | 79.81000 °C                           |
| Purity(Titration by HClO <sub>4</sub> )             | 98.5-101.5 (%)                        | 99.00000 %                            |
| Appearance (A120754)                                | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Proton NMR spectrum                                 | Conforms to Structure                 | Conforms to Structure                 |
| Solubility in CHCl <sub>3</sub>                     | almost transparency                   | almost transparency                   |



John Su  
QA & QC Manager