

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-02-19 09:16:50  
 Date of Next Testing: 2028-02-18 09:16:50  
 Product Name: **anti-(1R)-(+)-Camphorquinone 3-Oxime**  
 CAS Number: 31571-14-9  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: B2402016  
 SKU #: **A151019**  
 Version: **1**  
 Analysis #: **308699**  
 Storage Temperature: Room temperature

| Parameter                                                | Limit Values           | Result                |
|----------------------------------------------------------|------------------------|-----------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$ | 195-201 ( $^{\circ}$ ) | 196.64000 $^{\circ}$  |
| Purity(GC)                                               | 95-100 (%)             | 96.46700 %            |
| Proton NMR spectrum                                      | Conforms to Structure  | Conforms to Structure |
| GC-MS for identification                                 | Conforms               | Conforms              |



John Su  
QA & QC Manager