

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-18 10:52:29  
 Date of Next Testing: 2028-03-17 10:52:29  
 Product Name: **(S)-(+)-Ketoprofen**  
 CAS Number: 22161-81-5  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: C2610175  
 SKU #: **S138513**  
 Version: **0**  
 Analysis #: **676740**  
 Storage Temperature: Store at -20°C

| Parameter                                                | Limit Values                         | Result                               |
|----------------------------------------------------------|--------------------------------------|--------------------------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$ | 46-50 (°)                            | 48.29800°                            |
| Purity(HPLC)                                             | 98-100 (%)                           | 99.26300 %                           |
| Appearance (S138513)                                     | White Powder, Crystals and/or Chunks | White Powder, Crystals and/or Chunks |
| Proton NMR spectrum                                      | Conforms to Structure                | Conforms to Structure                |



John Su  
 QA & QC Manager