

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-04-15 14:19:14

Date of Next Testing: 2027-04-15 14:19:14

Product Name: **(S)-(+)-Ketoprofen**

CAS Number: 22161-81-5

Specifications & Purity:  $\geq 99\%$ 

Lot #: D2501077

SKU # **S138513**

Version **0**
**Analysis #:** **498197**

Storage Temperature: Store at -20°C

| Parameter                                                | Limit Values                         | Result                               |
|----------------------------------------------------------|--------------------------------------|--------------------------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$ | 46-50 (°)                            | 48.30000 °                           |
| Purity(HPLC)                                             | 98-100 (%)                           | 99.26500 %                           |
| 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