

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-05 14:23:38
 Date of Next Testing: 2026-11-05 14:23:38
 Product Name: **(S)-(+)-Ketoprofen**
 CAS Number: 22161-81-5
 Specifications & Purity: $\geq 99\%$
 Lot #: J2431661
 SKU #: **S138513**
 Version: **0**
 Analysis #: **372210**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.87000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	46-50 ($^{\circ}$)	46.12000 $^{\circ}$
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