

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-18 15:55:12

Date of Next Testing: 2027-07-18 15:55:12

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

CAS Number: 22161-81-5

Specifications & Purity: $\geq 99\%$

Lot #: A2214135

SKU #: S138513

Version: 0

Analysis #: 543810

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	46-50 ($^{\circ}$)	48.29800 $^{\circ}$
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