

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-25 18:08:49
 Date of Next Testing: 2024-01-25 18:08:49
 Product Name: **(S)-(+)-Ketoprofen**
 CAS Number: 22161-81-5
 Specifications & Purity: $\geq 99\%$
 Lot #: D1612123
 SKU #: **S138513**
 Version: **0**
 Analysis #: **070326**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	46-50 ($^{\circ}$)	48.00000 $^{\circ}$
Purity(HPLC)	98-100 (%)	99.68000 %
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