

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-11 17:39:28

Date of Next Testing: 2025-03-10 17:39:28

Product Name: **Ibuprofen**

CAS Number: 15687-27-1

Specifications & Purity:  $\geq 98\%$ (GC)

Lot #: C2304507

SKU #: **I129291****Analysis: 187871**

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	100.96 %
Purity(GC)	98-100 (%)	99.50 %
Melting point	75-78 (°C)	77.49000 °C
Appearance (I129291)	White to Light Yellow Flakes, Crystals or Powder	White to Light Yellow Flakes, Crystals or Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,colorless or yellow, clear(50mg/ml, ethanol)	pass	Pass

John Su  
QA & QC Manager