

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-08 15:19:42

Date of Next Testing: 2026-04-08 15:19:42

Product Name: **Ibuprofen**

CAS Number: 15687-27-1

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

Lot #: C2414620

SKU #: **I129291****Analysis: 325325**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.63 %
Melting point	75-78 (°C)	76.00000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	98.01 %
Appearance (I129291)	White to Light Yellow Flakes, Crystals or Powder	White to Light Yellow Flakes, Crystals or Powder
Solubility,colorless or yellow, clear(50mg/ml, ethanol)	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager