

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-24 14:20:18

Date of Next Testing: 2028-04-23 14:20:18

Product Name: **Ibuprofen**

CAS Number: 15687-27-1

Specifications &amp; Purity: Moligand™, ≥98%(GC)

Lot #: D2613383

SKU #: **I129291**Version: **1**Analysis #: **682374**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	100.52800 %
Purity(GC)	98-100 (%)	99.06200 %
Melting point	75-78 (°C)	77.26000 °C
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