

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-14 14:14:30  
Date of Next Testing: 2026-11-14 14:14:30  
Product Name: **Ibuprofen**  
CAS Number: 15687-27-1  
Specifications & Purity: Moligand™, ≥98%(GC)  
Lot #: K2408573  
SKU #: **I129291**  
Version: **1**  
Analysis #: **393294**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	100.52000 %
Purity(GC)	98-100 (%)	99.36900 %
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