

Certificate of Analysis

Date of Testing: 2024-06-28 11:13:45
Date of Next Testing: 2026-06-28 11:13:45
Product Name: **Ibuprofen**
CAS Number: 15687-27-1
Specifications & Purity: $\geq 98\%$ (GC)
Lot #: F2421558
SKU #: **I129291**
Version: **1**
Analysis #: **365531**

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	97.66 %
Purity(GC)	98-100 (%)	99.67 %
Melting point	75-78 (°C)	77.37000 °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