

Certificate of Analysis

Date of Testing: 2024-04-24 09:42:59

Date of Next Testing: 2026-04-24 09:42:59

Product Name: **Ibuprofen**

CAS Number: 15687-27-1

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

Lot #: D2403057

SKU #: **I129291****Analysis: 296553**

Parameter	Limit Values	Result
Melting point	75-78 (°C)	77.58000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	100.92 %
Purity(GC)	98-100 (%)	98.84 %
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