

Certificate of Analysis

Date of Testing: 2022-10-19 17:30:05

Date of Next Testing: 2024-10-18 17:30:05

Product Name: **Ibuprofen**

CAS Number: 15687-27-1

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

Lot #: J2210527

SKU #: **I129291****Analysis: 128230**

Parameter	Limit Values	Result
Purity(Neutralization titration)	97.5-102.5 (%)	100.68 %
Purity(GC)	98-100 (%)	99.11 %
Melting point	75-78 (°C)	77.19000 °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
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager