



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-208674
Lot Number: SAMPLE
Product Name: 1-Oxo Ibuprofen
CAS Number: 65813-55-0
Molecular Formula: $C_{13}H_{16}O_3$
Molecular Weight: 220.26

Test	Specification	Result
Appearance		White powder
Purity		99.5% (weight/weight)
Purity (HPLC)		99.8% at 254 nm
Melting Point		85 - 87 °C
Ash		< 0.1%
Carbon Content	70.89%	70.95%
Hydrogen Content	7.32%	7.40%
Nitrogen Content	0.00%	0.00%
Water Content (KF)		0.21%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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