



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-251623
Lot Number: SAMPLE
Product Name: 16-Mercaptohexadecanoic acid
CAS Number: 69839-68-5
Molecular Formula: $C_{16}H_{32}O_2S$
Molecular Weight: 288.49

Test	Specification	Result
Appearance (Color)	White to off white	White
Appearance (Form)	Powder or solid or crystals or crystalline chunk(s) or chunk(s)	Powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)	$\geq 89.5\%$	91.5%
Carbon Content	59.6 - 73.6%	66.4%
Sulfur	9.9 - 12.3%	10.9%

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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