



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-299074  
Lot Number: SAMPLE  
Product Name: 3-Mercapto-N-nonylpropionamide  
CAS Number: 228716-16-3  
Molecular Formula:  $C_{12}H_{25}NOS$   
Molecular Weight: 231.40

Test	Specification	Result
Appearance	White to tan solid, powder, crystals	White powder with chunks
Identification ( $^1H$ -NMR)	Consistent with structure	Complies
Identification ( $^{13}C$ -NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Melting Point		41.0 - 48.5 °C
Carbon Content	58.6% - 66.0%	62.00%
Nitrogen Content	5.6% - 6.4%	6.27%
Sulfur	13.0% - 14.7%	13.21%

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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