



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-212098
Lot Number: SAMPLE
Product Name: N-Acetyl-S-(2,5-dimethylbenzene)-L-cysteine
CAS Number: 581076-70-2
Molecular Formula: $C_{13}H_{17}NO_3S$
Molecular Weight: 267.34
Native Source: Synthetic

Test	Result
Appearance	Off-white to pale tan solid
Identification (1H-NMR)	Consistent with structure
Identification (Mass Spectrometry)	Consistent with structure
Purity (TLC)	98%
Atmosphere	Air
Melting Point	143 - 144 °C
Solubility	Chloroform (sparingly), Ethanol (sparingly), Methanol (sparingly)
Specific Rotation	-21.0° (c = 0.1, Ethanol)

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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