



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-294239
Lot Number: SAMPLE
Product Name: D-Desthiobiotin
CAS Number: 533-48-2
Molecular Formula: $C_{10}H_{18}N_2O_3$
Molecular Weight: 214.26

Test	Specification	Result
Appearance	White powder	Complies
Identification (1H-NMR)	Consistent with structure	Complies
Purity (TLC)	$\geq 98\%$	100%
Solubility	Colorless to very faint yellow, clear to slightly hazy solution at 50 mg/ml in 1M NH ₄ OH	Colorless and clear solution
Carbon Content	54.6 - 57.4%	56.0%
Nitrogen Content	12.7 - 13.5%	13.0%

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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