



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-211689
Lot Number: SAMPLE
Product Name: L-(+)-Cystathionine
CAS Number: 56-88-2
Molecular Formula: $C_7H_{14}N_2O_4S$
Molecular Weight: 222.26

Test	Specification	Result
Appearance	White powder	Complies
Identification (HPLC)	Consists mainly of the L-isomer	Complies
Purity (TLC)	$\geq 98\%$	100%
Solubility	Clear colorless at 5 mg/ml in 0.5 M HCl	Complies
Specific Rotation ($\alpha_{25/D}$)	18.0 - 24.0° (c = 1, 1 M HCl)	18.4°
Carbon Content	35.8 - 38.8%	37.6%
Nitrogen Content	12.1 - 12.9%	12.4%

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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