



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-296294
Lot Number: SAMPLE
Product Name: S-beta-(4-Pyridylethyl)-L-cysteine
CAS Number: 28809-04-3
Molecular Formula: $C_{10}H_{14}N_2O_2S$
Molecular Weight: 226.3

Test	Specification	Result
Appearance		Light Yellow Powder
Identification (Infrared Spectrum)		Conforms to structure
Purity (Titration)		100.8 %
Melting Point		218 °C
pH		7.2 in 0.5% water
Solubility		Clear light yellow in 0.5% water
UV Absorption		E(256) = 2547 in water
Carbon Content	53.1 %	53.5 %
Hydrogen Content	6.24 %	5.9 %
Nitrogen Content	12.4 %	12.5 %
Water Content (KF)		0.5 %

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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