



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-479087
Lot Number: SAMPLE
Product Name: S-Aminoethyl-L-cysteine hydrochloride
CAS Number: 4099-35-8
Molecular Formula: $C_5H_{12}N_2O_2S \cdot HCl$
Molecular Weight: 200.70

Test	Specification	Result
Appearance	White to off white powder	Off-white powder
Purity (TLC)	$\geq 98\%$	> 99%
Solution (Clarity)	Clear (< 3.5 NTU) at 50mg/ml in water	Complies
Solution (Color)	Colorless to faint tan or faint yellow solution at 50mg/ml in water	Complies
Specific Rotation ($\alpha_{20/D}$)	-3.0 - 7.0°	-6.5°
Carbon Content	29.1 -30.6%	29.7%
Nitrogen Content	13.6 - 14.3%	14.0%

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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