



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-353660
Lot Number: SAMPLE
Product Name: Letosteine
CAS Number: 53943-88-7
Molecular Formula: $C_{10}H_{17}NO_4S_2$
Molecular Weight: 279.38

Test	Specification	Result
Appearance	White to almost white powder	Almost white powder
Purity	$\geq 98\%$	99.3%
Melting Point	136 - 140 °C	138 - 139 °C
pH	3.5 - 4.5	4.1
Residue on Ignition	$\leq 0.2\%$	0.1%
Specific Rotation ($\alpha_{20/D}$)	- 107.0 - -113.0°	-110.7°
Heavy Metals	≤ 20 ppm	Complies
Loss on Drying	$\leq 0.5\%$	0.1%
Arsenic	≤ 2 ppm	Complies
Cysteine	$\leq 0.05\%$	Complies

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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