



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-475123
Lot Number: SAMPLE
Product Name: Tenuazonic Acid Copper Salt
CAS Number: 610-88-8 (free acid)
Molecular Formula: $C_{10}H_{14}NO_3 \cdot 1/2Cu$
Molecular Weight: 228.00

Test	Specification	Result
Appearance		Blue-green solid
Identification (1H -NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (TLC)		95%
Atmosphere		Air
Melting Point		147 - 158 °C
Solubility		Chloroform, DMSO and methanol
Specific Rotation		-122° (c = 0.3, Chloroform)
Carbon Content	52.45%	51.73%
Hydrogen Content	6.60%	6.65%
Nitrogen Content	6.12%	5.49%

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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