



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-394383  
Lot Number: SAMPLE  
Product Name: Erdosteine thioacid disodium salt  
CAS Number: 254884-18-9  
Molecular Formula:  $C_8H_{11}NNa_2O_5S_2$   
Molecular Weight: 311.29  
Native Source: Synthetic

Test	Specification	Result
Appearance		White solid
Identification ( $^1H$ -NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (TLC)		96%
Atmosphere		Inert gas
Melting Point		102.5 - 104.5 °C
Solubility		Methanol, Water
Carbon Content	30.87%	30.90%
Hydrogen Content	3.56%	3.97%
Nitrogen Content	4.50%	4.35%
Sodium		14.53%

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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