



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-206467  
Lot Number: SAMPLE  
Product Name: 2-Mercaptopurine  
CAS Number: 28128-19-0  
Molecular Formula:  $C_5H_4N_4S$   
Molecular Weight: 152.18

Test	Result
Appearance	Orange powder with a brown cast
Purity (Iodine Titration)	97.4%
Purity (TLC)	98%
Solubility	Clear yellow solution at 50 mg/ml of 1 M ammonium hydroxide
Carbon Content	39.55%
Nitrogen Content	36.82%

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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