



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-206393
Lot Number: SAMPLE
Product Name: 2-Amino-6-methylmercaptapurine
CAS Number: 1198-47-6
Molecular Formula: $C_6H_7N_5S$
Molecular Weight: 181.22

Test	Specification	Result
Appearance	White powder with a tan cast	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)		99.7%
Purity (TLC)		> 99.5%
Solubility	Slight hazy faint yellow solution at 200 mg plus 4.0 ml of 1M hydrochloric acid	Complies
Extinction Coefficient (1)		7.04 at 241 nm (pH 1)
Extinction Coefficient (2)		10.1 at 274 nm (pH 1)
Extinction Coefficient (3)		13.3 at 318 nm (pH 1)
Carbon Content		39.48%
Nitrogen Content		38.35%

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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