



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-252358
Lot Number: SAMPLE
Product Name: Alloxazine
CAS Number: 490-59-5
Molecular Formula: $C_{10}H_6N_4O_2$
Molecular Weight: 214.18

Test	Specification	Result
Appearance	Light to very dark yellow powder or crystals	Yellow powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	96%	96%
Solubility	Clear to very slightly hazy, light to very dark yellow solution at 10 mg/ml in 0.1N NaOH	Clear, very dark yellow solution at 10 mg/ml in 0.1N NaOH
Carbon Content	53.6% - 58.6%	55.2%
Nitrogen Content	25.0% - 27.3%	25.7%

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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