



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-295979
Lot Number: SAMPLE
Product Name: Ophthalmic Acid
CAS Number: 495-27-2
Molecular Formula: $C_{11}H_{19}N_3O_6$
Molecular Weight: 289.29

Test	Specification	Result
Appearance		White powder
Identification (TLC)		Complies
Purity		91.8%
Purity (TLC)		98%
Residual Solvents (GC)		Acetone: 4.4%; Ethanol: 3.4%
Solution		Clear colorless solution (50 mg/ml in 80% acetic acid)
Optical Rotation ($\alpha_{24/D}$)		-28.0° (c = 1 in water)
Nitrogen Content	14.53%	13.34%

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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