



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-212488
Lot Number: SAMPLE
Product Name: Oxolinic Acid
CAS Number: 14698-29-4
Molecular Formula: $C_{13}H_{11}NO_5$
Molecular Weight: 261.23

Test	Specification	Result
Appearance (Color)	white to off-white	white
Appearance (form)	Powder	Powder
Purity (TLC)	$\geq 98.0 \%$	98.3 %
Solubility	50 mg/ml in 0.5 M sodium hydroxide	50 mg/ml in 0.5 M sodium hydroxide
Solution (Color)	Colorless to faint yellow	Colorless
Solution (Turbidity)	Clear	Clear
Infrared Spectrum	Complies with structure	Complies
Carbon	58.3 - 61.3 %	59.50 %
Nitrogen	5.1 - 5.7 %	5.28 %

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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