



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-255047
Lot Number: SAMPLE
Product Name: D-(-)-Isoascorbic acid
CAS Number: 89-65-6
Molecular Formula: $C_6H_8O_6$
Molecular Weight: 176.12

Test	Specification	Result
Appearance	White crystalline powder	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)	$\geq 97.5\%$	99.9%
Purity (Sodium Hydroxide Titration)	97.5 - 102.5%	99.3%
Solubility	Clear, colorless at 50 mg/ml in water	Complies
Optical Rotation	-18.3 - -15.3° (c = 2%, water)	-16.1°

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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