



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-234508
Lot Number: SAMPLE
Product Name: D-Glyceric acid calcium salt dihydrate
CAS Number: 6000-41-5
Molecular Formula: $C_6H_{10}O_8 \cdot Ca \cdot 2H_2O$
Molecular Weight: 286.25

Test	Specification	Result
Appearance	White powder or crystalline powder	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Titration)	98.5 - 101.5% (by $HClO_4$)	100.7%
Optical Rotation	12.5 - 14.5° (c = 5% in water)	13.8°
Water Content (KF)		12.8%

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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