



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-205336
Lot Number: SAMPLE
Product Name: D-saccharic acid calcium salt tetrahydrate
CAS Number: 5793-89-5
Molecular Formula: $C_6H_8CaO_8 \cdot 4H_2O$
Molecular Weight: 320.27

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder to powder with lumps	Powder
Identification (Infrared Spectrum)	Complies with structure	Complies
Purity (Titration, Complexometric)	98.5 - 102.0 %	99.6 %
Specific Rotation ($\alpha_{20/D}$)	$20.5 \pm 2.0^\circ$	20.9°
Carbon Content	22.50 % (Theoretical)	22.24 %
Hydrogen Content	5.04 % (Theoretical)	5.03 %

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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