



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-227564
Lot Number: SAMPLE
Product Name: Calcium α -D-heptagluconate hydrate
CAS Number: 17140-60-2
Molecular Formula: $C_{14}H_{26}CaO_{16} \cdot xH_2O$
Molecular Weight: 490.42 (anhydrous basis)

Test	Result
Appearance	Very faintly beige powder
Identification (Infrared Spectrum)	Complies
Purity (Titration, Complexometric)	100.3 %
Solubility	1 g in 10 ml Water
Solution (Clarity)	Clear
Solution (Color)	Colorless
Specific Rotation	+ 2.3 ° (20/546) +1.9 ° (20/D)
Loss on Drying	5.9 %
Carbon Content	32.27 %
Hydrogen Content	5.61 %

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com