



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-281633
Lot Number: SAMPLE
Product Name: Calcium L-lactate pentahydrate
CAS Number: 5743-47-5
Molecular Formula: $C_6H_{10}CaO_6 \cdot 5H_2O$
Molecular Weight: 308.29

Test	Specification	Result
Appearance	White granules or powder	Fine white granules
Purity	98.0 - 101.0% ($C_6H_{10}CaO_6$, dried basis)	100.0%
pH	6.0 - 8.0 (5% in water)	6.9
Solubility	Soluble in water at 5%	Complies
Acidity	$\leq 0.37\%$ (as lactic acid)	Complies
Heavy Metals	≤ 20 ppm	≤ 10 ppm
Loss on Drying	22.0 - 27.0%	25.6%
Magnesium and Alkali salts	$\leq 1.0\%$	Complies

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