



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215227
Lot Number: SAMPLE
Product Name: Lactic acid
CAS Number: 50-21-5
Molecular Formula: $C_3H_6O_3$
Molecular Weight: 90.08

Test	Specification	Result
USP Limit Test		Complies
Identification		Complies
Identification	Consistent with USP specifications	Complies
Purity	88.0 - 92.0%	88.5%
Residual Solvents	Consistent with requirements	Complies
Residue on Ignition (ash)	$\leq 0.05\%$	$< 0.05\%$
Specific Rotation	$-0.05 - 0.05^\circ$	0.00°
Heavy Metals	$\leq 0.001\%$	$< 0.001\%$
Readily Carbonizable Substances		Complies
Chloride		Complies
Sugars		Complies
Sulfate		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