



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-236900  
Lot Number: SAMPLE  
Product Name: Sodium D-lactate  
CAS Number: 920-49-0  
Molecular Formula:  $C_3H_5NaO_3$   
Molecular Weight: 112.06

Test	Specification	Result
Appearance	Colorless or white powder	White powder
Assay (Enzyme)	L-lactate $\leq 1\%$	0.2 %
Purity (Titration)	99.0 - 101.0 %	99.7 %
Concentration	C=1 IN H <sub>2</sub> O	C=1 IN H <sub>2</sub> O
Solubility	Clear (<3.5 NTU) and colorless at 0.15G IN 10ML H <sub>2</sub> O	Clear (<3.5 NTU) and colorless at 0.15G IN 10ML H <sub>2</sub> O
Infrared Spectrum	Conforms to structure	Conforms
Specific Rotation	12.0 $\pm$ 0.5°	11.9°
Carbon Content	32.16 % (Theory)	31.94 %
Hydrogen Content	4.50 % (Theory)	4.62 %

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](http://www.scbt.com)