



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-253582
Lot Number: SAMPLE
Product Name: Sodium DL-lactate
CAS Number: 72-17-3
Molecular Formula: $C_3H_5NaO_3$
Molecular Weight: 112.06

Test	Specification	Result
Appearance	Colorless or white powder	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Titration)	99.0 - 101.0%	99.9%
Solution (Color)	Colorless at 0.15 g in 10 ml water	Complies
Solution (Turbidity)	Clear to almost clear (< 5.5 NTU) at 0.15 g in 10 ml water	Almost Clear (3.6 - 5.5 NTU) at 0.15 g in 10 ml water
Specific Rotation ($\alpha_{20/D}$)	0.0 - 0.1° (C = 1 in water)	0.0° (C = 1 in water)

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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