



Product Specification

Product Name: L-Lactic Acid
Cat #: L-100
CAS #: 79-33-4
Storage: Store at -20°C. Protect from light.

Test	Specifications
Color	white to off-white
Form	crystalline powder
Color of Solution (20% in water)	colorless to almost colorless
Turbidity (2% in water)	≤7.5 NTU
Water Content (K. Fischer)	≤0.5%
Melting Point	50 to 54°C
Sodium Hydroxide Titration (0.1 mol/L)	98.0 to 102.0%
Specific Optical Rotation [alpha] _D (c = 2.5 in 1.5 mol/L NaOH, 20°C)	-15.0 to -13.0
Sodium Content (IC)	≤150 mg/kg
Magnesium Content (IC)	≤150 mg/kg
FT-IR Spectrum	corresponds to reference spectrum

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

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