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CERTIFICATE OF ANALYSIS

Cat No.: BIO-636

Product: **L-(+)-LACTIC ACID**
(S)-2-Hydroxypropionic acid

CAS Number: 79-33-4

Lot Number: 484103

Appearance: White crystalline powder

Colour of Solution: Colorless (20% in water)

Turbidity: 0.3 NTU (2% in water)

Water Content: 0.3% (KF)

Melting Point: 53°C

NaOH titration: 99.50%

Specific Rotation $[\alpha]_D$: -14.2° (c=2.5 in 1.5mol/L NaOH, 20°C)

Sodium content (IC): <150mg/kg

Magnesium content (IC): <150mg/kg

FT-IR Spectrum: Corresponds to reference spectrum

Prepared by:
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