

MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180

web: www.mpbio.com

Certificate of Analysis

Product Description: L-Lactic Acid Calcium Salt Pentahydrate, USP
Catalog Number: 199610
Lot: S5893

Formula: C₆H₁₀CaO₆
CAS #: 5743-47-5
Physical Description: White Powder

Formula Weight: 308.3
Storage: 2 - 8°C

Test	Specification	Result
Identity Test A	Passes	Passes
Identity Test B	Passes	Passes
Assay	98.0 - 101.0%	99.4% (dried basis)
Acidity	≤0.45% lactic acid	0.8 mL
Loss on Drying	22.0 - 27.0%	25.3%
Volatile Fatty Acid	Passes	Passes
Heavy Metals	≤0.002%	0.000002% (as Pb)
Limit of Magnesium and Alkali Salts	≤1.0%	<0.5%

Chlorides: <40 ppm

Sulfates: <200 ppm

Iron: <25 ppm

Fluoride: <0.0015%

Recommended Retest Date (MM/DD/YYYY): 04/13/2023

A handwritten signature in cursive script, appearing to read 'John Huang'.

03/31/2021 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

This is an electronically generated document
 mailto:biotech@mpbio.com
 http://www.mpbio.com

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 Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)