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Certificate of Analysis

Product Description: L-Lactic Acid Calcium Salt Pentahydrate, USP
Catalog Number: 199610
Lot: QR12075

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

Formula Weight: 308.3
Storage: +4°C

Test	Specification	Result
Identity Test A	Passes	Passes
Identity Test B	Passes	Passes
Assay	98.0 - 101.0%	99.5%
Acidity	≤0.45% lactic acid	Passes
LOD	22.0 - 27.0%	26.53%
Volatile Fatty Acid	Passes	Passes
Heavy Metals	≤0.002%	<0.001%
Limit of Magnesium and Alkalie Salts	≤1.0%	<1.0%
Organic Volatile Impurities	Passes	Passes

Chloride: <40 ppm
 Sulfate: <200 ppm
 Barium: Passes
 Iron: <25 ppm
 Recommended Retest Date: 03/23/2018

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

03/26/2016 - John Huang, PhD
 MP Biomedicals, LLC.
 Quality Control Manager

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

<http://www.mpbio.com>

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site
Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)