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Certificate of Analysis

Product Description: L-Lactic Acid Calcium Salt Pentahydrate, USP
Catalog Number: 199610
Lot: Q8409

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%	99.8% (Dried Basis)
Acidity	≤0.45% lactic acid	Passes
LOD	22.0 - 27.0%	25.6%
Volatile Fatty Acid	Passes	Passes
Heavy Metals	≤0.002%	<0.0007%
Limit of Magnesium and Alkalie Salts	≤1.0%	<0.6%

Chloride: <40 ppm
 Sulfate: <200 ppm
 Barium: Passes
 Iron: <25 ppm
 Lead (as Pb): <0.2 mg/kg
 Recommended Retest Date: 03/16/2021

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

02/01/2018 - 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)