

Certificate of Analysis

Product Description: Calcium Acetate Monohydrate, ACS
Catalog Number: 193821
Lot: SR04642

Formula: $\text{Ca}(\text{C}_2\text{H}_3\text{O}_2)_2 \cdot \text{H}_2\text{O}$

CAS #: 5743-26-0

Physical Description: White Powder

Formula Weight: 176.2

Storage: 15 - 30°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99.0%	100.39%
FTIR	Conforms to Standard	Conforms to Standard
Potassium	≤0.01%	0.001%
Heavy Metals	≤0.005%	<0.005%
Alkalinity	Passes	Passes
Chloride	≤0.001%	<0.001%
Barium	≤0.01%	<0.01%
Iron	≤0.001%	<0.001%
Insolubles	≤0.005%	0.0035%
Titrateable Acid	≤0.035 meq/g	0.0075 meq/g
Sulfate	≤0.01%	<0.01%
Magnesium	≤0.05%	0.0094%
Sodium	≤0.02%	0.0063%
Strontium	≤0.05%	0.0038%

pH (0.2 M aq soln): 7.51

Recommended Retest Date (MM/DD/YYYY): 09/29/2023



10/04/2021 - 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)