

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Citric Acid Monohydrate_
Catalog Number: 150699_
Lot: 4370J_

Formula: C₆H₈O₇·H₂O

CAS #: 5949-29-1

Physical Description: White Crystalline Powder

Formula Weight: 210.14

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Loss on Drying	~5%	4.54%
FTIR	Conforms to Standard	Conforms to Standard

Assay: 100.7%

Insoluble Matter: 0.002%

Residue after Ignition: 0.005%

Chloride: 0.0002%

Phosphate: 0.0007%

Sulphate: 0.0008%

Iron: <3 ppm

Lead: <2 ppm

12/27/2006 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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<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)