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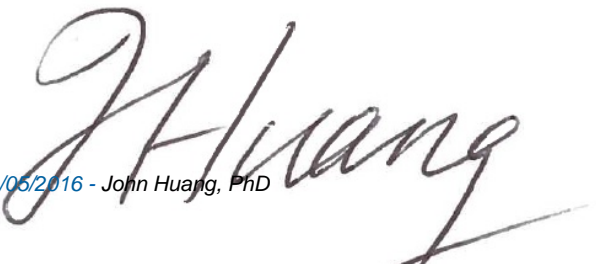
## Certificate of Analysis

**Product Description:** Pectin\_  
**Catalog Number:** 102587\_  
**Lot:** QR12001\_

<b>Formula:</b> (C <sub>7</sub> H <sub>10</sub> O <sub>7</sub> ) <sub>n</sub> <b>CAS #:</b> 9000-69-5 <b>Physical Description:</b> Light Brown Powder	<b>Formula Weight:</b> 20,000 - 400,000 <b>Storage:</b> Room Temperature
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Test	Specification	Result
Identity Test	Passes	Passes
Source	Citrus Fruit	Citrus Fruit
pH (2.5% aq soln)	3.0 - 4.2	3.31
Moisture	<10%	8.05%

GA: >65%  
DE: 71.1%  
SO<sub>2</sub>: <10 mg/kg  
Free Methyl, Ethyl, & Isopropyl Alcohol: <1%  
Nitrogen: <1%  
AIA: <1%  
Heavy Metal (as Pb): <20 mg/kg  
Pb: <5 mg/kg  
As: <2 mg/kg  
Total Plate Count: <1000 cfu/g  
Yeast & Mold: <100 MPN/g  
E.coli & Staphylococcus: Absent/g  
Salmonella: Absent/25 g  
Recommended Retest Date: 03/02/2018

  
03/05/2016 - John Huang, PhD

MP Biomedicals, LLC.  
Quality Control Manager

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

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