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Certificate of Analysis

Product Description: Pectin
Catalog Number: 156057
Lot: SR01293**Formula:** N/A
CAS #: 9000-69-5
Physical Description: Light Tan Powder**Formula Weight:** N/A
Storage: 15 - 30°C

| Test | Specification | Result |
|----------------|---------------|--------|
| Identity Test | Passes | Passes |
| Source | Apple | Apple |
| Loss on Drying | <10% | 7.64% |

USA Sag: 213
 Methoxyl: >6.7%
 Galacturonic acid: >80%
 Degree of Esterification: 71.0
 pH: 3.3
 SO₂mg/kg: ≤10 ppm
 Alcohol: <0.01%
 Nitrogen: <1%
 Alcohol insoluble ash: <1%
 Total ash: <5%
 Heavy metals: <10 ppm
 Pb: <2 ppm
 Arsenic: <1 ppm
 Organic impurities (Sugars and Organic acids): <20 mg
 Total aerobic plate count: <100 cfu/g
 Yeast & Mold: <10 cfu/g
 Total coliform: Negative
 E.coli: Absent in 1/g
 Salmonella: Absent in 25/g
 S.Aureus: Absent in 1/g
 Pseudomonas Sp.: Absent in 1/g
 Recommended Retest Date: 06/25/2023

06/27/2019 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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