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Certificate of Analysis

Product Description: Sodium Pyruvate_
Catalog Number: 199654_
Lot: QR14949_

Formula: C ₃ H ₃ O ₃ Na CAS #: 113-24-6 Physical Description: White Crystalline Powder	Formula Weight: 110.04 Storage: 2 - 8°C
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Test	Specification	Result
Identity Test	Passes	Passes
Assay	≥98.0%	99.42%
Solubility (0.06 g/ml)	Clear and Complete	Clear and Complete
Free Acid	Passes	Passes

Loss on Drying: 0.21%
pH: 6.54
Sulfate:#20 ppm
Arsenic: #1 ppm
Heavy Metals:#10 ppm
Pyruvic acid (HPLC): 76.7%
Recommended Retest Date: 11/29/2019


12/05/2017 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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http://www.mpbio.com

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