

MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530

Certificate of Analysis

Product Description: Sodium Pyruvate
Catalog Number: 199654
Lot: QR12171**Formula:** C₃H₃O₃Na
CAS #: 113-24-6
Physical Description: White Crystalline Powder**Formula Weight:** 110.04
Storage: +4°C

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: 6.62
Sulfate: ≤20 ppm
Arsenic: ≤1 ppm
Heavy Metals: ≤10 ppm
Pyruvic acid (HPLC): 76.7%
Recommended Retest Date: 04/17/2018



04/21/2016 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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http://www.mpbio.com

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