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Certificate of Analysis

Product Description: Sodium Pyruvate
Catalog Number: 199654
Lot: QR14949**Formula:** C₃H₃O₃Na
CAS #: 113-24-6
Physical Description: White Crystalline Powder**Formula Weight:** 110.04
Storage: 2 - 8°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: 6.54
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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