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Certificate of Analysis

Product Description: Sodium Acetate Anhydrous, ACS
Catalog Number: 195496
Lot: QR15609

Formula: NaC₂H₃O₂
CAS #: 127-09-3
Physical Description: White Powder

Formula Weight: 82.03
Storage: 15 - 30°C, desiccate

Test	Specification	Result
Assay	≥99.0%	99.28%
pH (5% aq soln)	7.0 - 9.2	8.75
Insoluble Matter	≤0.01%	0.005%
Loss on Drying @ 120°C	≤1.0%	0.18%
Chloride (Cl)	≤0.002%	<0.002%
Phosphate (PO ₄)	≤0.001%	<0.001%
Sulfate (SO ₄)	≤0.003%	<0.003%
Calcium	≤0.005%	0.0009%
Magnesium	≤0.002%	0.0005%
Heavy Metals (as Pb)	≤0.001%	<0.001%
Iron (Fe)	≤0.001%	<0.001%

Identity Test: Passes
FTIR: Conforms to Standard
Clarity of Solution: Passes
Calcium & Magnesium: Passes
Potassium: Passes
Organic Volatile Impurities: Passes
Lead (Pb): 1 mg/kg
Recommended Retest Date: 11/23/2022

05/21/2018 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)