

**MP Biomedicals, LLC**29525 Fountain Parkway  
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## Certificate of Analysis

**Product Description:** Potassium Acetate, molecular biology reagent  
**Catalog Number:** 194843  
**Lot:** S5472

**Formula:** C<sub>2</sub>H<sub>3</sub>KO<sub>2</sub>  
**CAS #:** 127-08-2  
**Physical Description:** White Powder

**Formula Weight:** 98.14  
**Storage:** 15 - 30°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.66%
pH (5% aq soln)	6.5 - 9.0	7.97

Insoluble matter: 0.003%  
Chloride (Cl): <0.003%  
Phosphate (PO<sub>4</sub>): <0.001%  
Sulfate (SO<sub>4</sub>): <0.002%  
Heavy metals: <5 ppm  
Iron (Fe): <5 ppm  
Calcium (Ca): 0.0011%  
Magnesium (Mg): 0.0006%  
Sodium (Na): 0.009%  
Loss on drying ( 150°C/2h): 0.071%  
Identification A: Complies  
Identification B: Complies  
Bacterial Endotoxins: <0.005 EU/Mg  
Solubility: Very soluble in water and, freely soluble in ethanol (96%)  
Assay (Dried Basis): 99.73%  
Recommended Retest Date (MM/DD/YYYY): 08/25/2025



01/19/2021 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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