

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

**Product Description:** Potassium Bicarbonate, ACS  
**Catalog Number:** 152557  
**Lot:** S6750

**Formula:** KHCO<sub>3</sub>  
**CAS #:** 298-14-6  
**Physical Description:** White Crystalline Powder

**Formula Weight:** 100.12  
**Storage:** 15 - 30°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Assay	99.7 - 100.5%	99.90%
Insoluble Matter	≤0.01%	0.002%
Chloride	≤0.001%	<0.001%
Phosphate	≤5 ppm	<5 ppm (as PO <sub>3</sub> )
Sulfur Compounds	≤0.003%	<0.003%
Ammonium	≤5 ppm	<5 ppm
Calcium (Ca)	≤0.002%	<0.001%
Magnesium (Mg)	≤0.001%	<0.001%
Heavy Metals	≤5 ppm	<5 ppm (as Pb)
Iron	≤5 ppm	<5 ppm
Sodium	≤0.03%	<0.02%

Recommended Retest Date (MM/DD/YYYY): 07/29/2026

08/02/2021 - John Huang, PhD  
 MP Biomedicals, LLC.  
 Quality Control Manager

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