



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Potassium Bicarbonate, ACS\_  
**Catalog Number:** 152557\_  
**Lot:** 3181A\_

<b>Formula:</b> KHCO <sub>3</sub> <b>CAS #:</b> 298-14-6 <b>Physical Description:</b> White crystalline powder	<b>Formula Weight:</b> 100.12 <b>Storage:</b> RT
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Test	Specification	Results
Assay	99.7-100.5%	<b>99.90%</b>
Chloride	NMT 0.001%	<b>&lt;0.001%</b>
Phosphate	NMT 5 ppm	<b>&lt;5ppm</b>
Sulfur compounds	NMT 0.003%	<b>&lt;0.003%</b>
Ammonium	NMT 5 ppm	<b>&lt;5ppm</b>
Calcium, Magnesium and R <sub>2</sub> O <sub>3</sub> ppt	NMT 0.005%	<b>0.001%</b>
Heavy metals	NMT 5 ppm	<b>&lt;5ppm</b>
Iron	NMT 5 ppm	<b>&lt;5ppm</b>
Sodium	NMT 0.03%	<b>0.03%</b>
Insoluble matter	NMT 0.01%	<b>0.001%</b>

03/28/1988 - Joseph Dietz, Ph.D.  
MP Biomedicals, LLC.  
Technical Director

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