



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Sodium Bicarbonate, ACS Grade\_  
**Catalog Number:** 191435\_  
**Lot:** Q5165\_

**Formula:** NaHCO<sub>3</sub>  
**CAS #:** 144-55-8  
**Physical Description:** White Powder

**Formula Weight:** 84.01  
**Storage:** Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Assay (dried basis)	99.7 - 100.3%	99.98%
Insoluble Matter	#0.015%	0.007%
Chloride (Cl)	#0.003%	0.0007%
Phosphate (PO <sub>4</sub> )	#0.001%	0.0006%
Sulfur Compounds (as SO <sub>4</sub> )	#0.003%	0.00088%
Ammonium (NH <sub>4</sub> )	#5 ppm	3 ppm
Magnesium (Mg)	#0.005%	0.002%
Potassium (K)	#0.005%	0.003%
Calcium (Ca)	#0.02%	0.0071%
Heavy Metals (as Pb)	#5 ppm	2 ppm
Iron (Fe)	#0.001%	0.0004%

Recommended Retest Date: 12/31/2018

09/29/2016 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

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