



MP Biomedicals, LLC

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## Certificate of Analysis

**Product Description:** Sodium Bicarbonate, ACS Grade\_  
**Catalog Number:** 191435\_  
**Lot:** 6314A\_

**Formula:** NaHCO<sub>3</sub>


**CAS #:** 144-55-8

**Physical Description:** white powder

**Formula Weight:** 84.01

**Storage:** Room temperature

Test	Specification	Results
Identity Test	Passes	<b>Passes</b>
PURITY	≥99.7%	<b>99.94%</b>
FTIR	Conforms to standard	<b>Passes</b>
CHLORIDE	≤ 0.003%	<b>0.0014%</b>
HEAVY METALS	≤ 5 ppm	<b>&lt;5 ppm</b>
AMMONIUM	≤ 5 ppm	<b>&lt; 5 ppm</b>
IRON	≤0.001%	<b>1 ppm</b>
PHOSPHATE	≤ 0.001%	<b>&lt;0.001%</b>
SULFUR COMPOUND	≤ 0.003%	<b>&lt;0.003%</b>
CALCIUM, MAGNESIUM, & R <sub>2</sub> O <sub>3</sub> PRECIPITATE	≤ 0.02%	<b>0.002%</b>
POTASSIUM	≤ 0.005%	<b>&lt;0.0010%</b>

  
Approved - 07/09/98 by Joe Dietz

MP Biomedicals, LLC.

Technical Director

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<http://www.mpbio.com>

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)