



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Sodium Bicarbonate, ACS Grade\_  
**Catalog Number:** 191435\_  
**Lot:** M8605\_

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

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

| Test                                      | Specification | Result  |
|---|---------------|---------|
| Identity Test                             | Passes        | Passes  |
| Assay (dried basis)                       | 99.7 - 100.3% | 100.2%  |
| Insoluble Matter                          | #0.015%       | 0.005%  |
| Chloride (Cl)                             | #0.003%       | <0.003% |
| Phosphate (PO <sub>4</sub> )              | #0.001%       | <0.001% |
| Sulfur Compounds<br>(as SO <sub>4</sub> ) | #0.003%       | <0.003% |
| Ammonium (NH <sub>4</sub> )               | #5 ppm        | <5 ppm  |
| Magnesium (Mg)                            | #0.005%       | 0.0045% |
| Potassium (K)                             | #0.005%       | 0.002%  |
| Calcium (Ca)                              | #0.02%        | 0.016%  |
| Heavy Metals (as<br>Pb)                   | #5 ppm        | <5 ppm  |
| Iron (Fe)                                 | #0.001%       | <0.001% |

*Christina Marotta*

MP Biomedicals, LLC.

Technical Director

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

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