



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Sodium Bicarbonate, ACS Grade

Catalog Number: 191435

Lot: 2007K

Formula: NaHCO₃

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% | 100.3% |
| Insoluble Matter | ≤0.015% | 0.005% |
| Chloride (Cl) | ≤0.003% | <0.003% |
| Phosphate (PO ₄) | ≤0.001% | 8 ppm |
| Sulfur Compounds (as SO ₄) | ≤0.003% | 0.0024% |
| Ammonium (NH ₄) | ≤5 ppm | <5 ppm |
| Magnesium (Mg) | ≤0.005% | 0.0047% |
| Potassium (K) | ≤0.005% | 8 ppm |
| Calcium (Ca) | ≤0.02% | 0.019% |
| Heavy Metals (as Pb) | ≤5 ppm | <2 ppm |
| Iron (Fe) | ≤0.001% | 8 ppm |

MP Biomedicals, LLC.

Technical Director

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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)