



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180
web: www.mpbio.com


Certificate of Analysis

Product Description: Sodium Bicarbonate, ACS Grade_
Catalog Number: 191435_
Lot: 7205H_

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%	99.8%
Insoluble Matter	≤0.015%	0.007%
Chloride (Cl)	≤0.003%	0.001%
Phosphate (PO ₄)	≤0.001%	0.0006%
Sulfur Compounds (as SO ₄)	≤0.003%	0.0009%
Ammonium (NH ₄)	≤5 ppm	4 ppm
Magnesium (Mg)	≤0.005%	0.002%
Potassium (K)	≤0.005%	0.003%
Calcium (Ca)	≤0.02%	0.007%
Heavy Metals (as Pb)	≤5 ppm	3 ppm
Iron (Fe)	≤0.001%	0.0006%


04/27/2005 - Joseph Dietz, Ph.D.
MP Biomedicals, LLC.

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<mailto:biotech@mpbio.com>

<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)