



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Sodium Bicarbonate, ACS Grade_
Catalog Number: 191435_
Lot: 4649E_

Formula: NaHCO₃

CAS #: 144-55-8

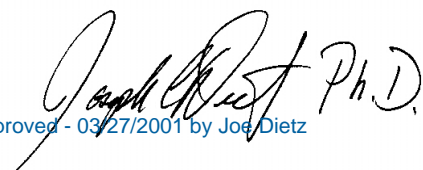
Physical Description: White Powder

Formula Weight: 84.01

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Assay (dried basis)	99.7-100.3%	99.9%
Insoluble Matter	≤ 0.015%	0.008%
Chloride (Cl)	≤ 0.003%	0.001%
Phosphate (PO ₄)	≤ 0.001%	0.0007%
Sulfur Compounds (as SO ₄)	≤ 0.003%	0.001%
Ammonium (NH ₄)	≤ 5 ppm	3 ppm
Calcium, Magnesium, and R ₂ O ₃ Precipitate	≤ 0.02%	Passes
Heavy Metals (as Pb)	≤ 5 ppm	3 ppm
Iron (Fe)	≤ 0.001%	0.0007%
Potassium (K)	≤ 0.005%	0.003%

pH (0.1M aq. solution): 8.24


Approved - 03/27/2001 by Joe Dietz

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)