



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Sodium Bicarbonate, molecular biology reagent
Catalog Number: 194847
Lot: SR00092

Formula: NaHCO₃

CAS #: 144-55-8

Physical Description: White Powder

Formula Weight: 84.01

Storage: 15 - 30°C

Test	Specification	Results
Identity Test	Passes	Passes
Purity	≥99%	99.98%
pH (0.1 M aq soln)	8.1 - 8.5	8.36

Insoluble Matter: 0.007%

Chloride: 0.0007%

Phosphate: 0.0006%

Sulfur Compounds: 0.00088%

Ammonium: 3 ppm

Heavy Metals (as Pb): 2 ppm

Iron: 0.0004%

Potassium: 0.003%

Calcium: 0.0071%

Magnesium: 0.002%

Recommended Retest Date: 04/02/2021

10/08/2018 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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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)