



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Sodium Bicarbonate, ACS Grade_
Catalog Number: 191435_
Lot: Q6807_

Formula: NaHCO₃
CAS #: 144-55-8
Physical Description: White powder

Formula Weight: 84.01
Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Assay (dried basis)	99.7 - 100.3%	99.98%
Insoluble Matter	#0.015%	0.007%
Chloride (Cl)	#0.003%	0.0007%
Phosphate (PO ₄)	#0.001%	0.0006%
Sulfur Compounds (as SO ₄)	#0.003%	0.00088%
Ammonium (NH ₄)	#5 ppm	3 ppm
Magnesium (Mg)	#0.005%	0.002%
Potassium (K)	#0.005%	0.003%
Calcium (Ca)	#0.02%	0.0071%
Heavy Metals (as Pb)	#5 ppm	2 ppm
Iron (Fe)	#0.001%	0.0004%

Recommended Retest Date: 12/31/2018

06/13/2017 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)