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Certificate of Analysis

Product Description: Sodium Bicarbonate, cell culture reagent
Catalog Number: 194553
Lot: SR05176**Formula:** NaHCO_3
CAS #: 144-55-8
Physical Description: White Powder**Formula Weight:** 84.01
Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 99.5\%$	100.24% (dry basis)
pH (0.1 M aq soln)	8.1 - 8.5	8.18

Insoluble Matter: 0.003%
Chloride (Cl): <0.003%
Phosphate (PO₄): <0.001%
Sulfur Compounds (as SO₄): <0.003%
Ammonium (NH₄): <5 ppm
Heavy Metals: <5 ppm
Iron (Fe): <0.001%
Calcium (Ca): 0.0028%
Magnesium (Mg): 0.0018%
Potassium (K): 0.0026%
Arsenic (As): <2 ppm
Loss on drying (over silica gel/4h): 0.1%
Recommended Retest Date (MM/DD/YYYY): 11/05/2023



02/17/2022 - Fengqi An
MP Biomedicals, LLC.
Life Science QC Supervisor

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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)