

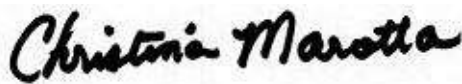
MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530

Certificate of Analysis

Product Description: Ammonium Bicarbonate
Catalog Number: 150107
Lot: M5627**Formula:** NH_4CO_3
CAS #: 1066-33-7
Physical Description: White Powder**Formula Weight:** 79.1
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
pH (1% aq soln)	7.6 - 8.1	7.93

Carbon Dioxide: 55.39%
Ammonia: 21.43%
Ammonium Bicarbonate: 99.5%
Arsenic: <3 ppm
Chloride: <30 ppm
Heavy metals (as Pb): <3 ppm
Sulfur compounds: <30 ppm
Non-volatile residue: <5500 ppm
Iron: <3 ppm
Retained #25 screen: 0.4%
Thru #70 screen: 28.8%



12/11/2012 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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<mailto:biotech@mpbio.com>
<http://www.mpbio.com>

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