

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

Certificate of Analysis

Product Description: Ammonium Sulfate, ultra pure
Catalog Number: 808211; 808229; 808237; 808237B
Lot: Q2417

Formula: $(\text{NH}_4)_2\text{SO}_4$
CAS #: 7783-20-2
Physical Description: White Crystalline Powder

Formula Weight: 132.1
Storage: Room Temperature

Test	Specification	Result
Purity	≥99%	100.12%
FTIR	Conforms to Standard	Conforms to Standard
OD260 (sat'd soln)	≤0.1	0.04
OD280 (sat'd soln)	≤0.1	0.03
pH (5% aq soln)	5 - 6	5.12
Calcium	≤0.4 ppm	0.4 ppm
Iron	≤0.5 ppm	0.3 ppm
Magnesium	≤0.1 ppm	0.02 ppm
Heavy Metals (as Pb)	≤0.5 ppm	<0.5 ppm
Zinc	≤0.5 ppm	0.3 ppm

Insoluble matter: 0.002%
Residue after ignition: 0.004%
Chloride (Cl): <5 ppm
Nitrate (NO₃): <0.001%
Phosphate (PO₄): <5 ppm
Recommended Retest Date: 4/7/2020



06/10/2015 - John Huang, PhD
MP Biomedicals, LLC.
Senior QC Chemist

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<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

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