

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

Certificate of Analysis

Product Description: Ammonium Sulfate, ACS
Catalog Number: 191409
Lot: Q2658**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
Assay	$\geq 99\%$	99.9%
pH (5% aq soln)	5.0 - 6.0	5.45
Insoluble Matter	$\leq 0.005\%$	0.0037%
Residue after Ignition	$\leq 0.005\%$	0.0009%
Chloride (Cl)	≤ 5 ppm	3 ppm
Nitrate (NO_3)	$\leq 0.001\%$	0.0004%
Phosphate (PO_4)	≤ 5 ppm	2 ppm
Heavy Metals (as Pb)	≤ 5 ppm	<3 ppm
Iron (Fe)	≤ 5 ppm	<3 ppm

Arsenic: <0.3 ppm

Selenium: <0.003%

Recommended Retest Date: 02/28/2018

07/21/2015 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control ManagerThis is an electronically generated document
mailto:biotech@mpbio.com
http://www.mpbio.comOnline 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)