



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

Product Description: Potassium Nitrate, ACS_
Catalog Number: 191428_
Lot: 8453K_

Formula: KNO₃
CAS #: 7757-79-1
Physical Description: Hard, White Crystalline Powder

Formula Weight: 101.10
Storage: Room Temperature

Test	Specification	Result
Assay	≥99.0%	99.17%
pH (5% aq soln)	4.5 - 8.5	6.64
Insoluble Matter	≤0.005%	0.003%
Chloride (Cl)	≤0.002%	<0.002%
Iodate (IO ₃)	≤5 ppm	<5 ppm
Nitrite (NO ₂)	≤0.001%	<0.001%
Phosphate (PO ₄)	≤5 ppm	<5 ppm
Sulfate (SO ₄)	≤0.003%	<0.003%
Heavy Metals (as Pb)	≤5 ppm	<5 ppm
Iron (Fe)	≤3 ppm	<3 ppm
Calcium (Ca)	≤0.005%	0.0012%
Magnesium (Mg)	≤0.002%	0.0004%
Sodium (Na)	≤0.005%	0.003%

Water; 0.092%

Christina Marotta

10/05/2010 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

<mailto:biotech@mpbio.com>

<http://www.mpbio.com>

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)