



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Potassium Nitrate, ACS_
Catalog Number: 191428_
Lot: 7591J_

Formula: KNO₃
CAS #: 7757-79-1

Physical Description: White Granules

Formula Weight: 101.10
Storage: Room Temperature

Test	Specification	Result
Assay	≥99.0%	99.30%
pH (5% aq soln)	4.5 - 8.5	5.50
Insoluble Matter	≤0.005%	0.003%
Chloride (Cl)	≤0.002%	0.001%
Iodate (IO ₃)	≤5 ppm	3 ppm
Nitrite (NO ₂)	≤0.001%	0.0005%
Phosphate (PO ₄)	≤5 ppm	3 ppm
Sulfate (SO ₄)	≤0.003%	0.003%
Heavy Metals (as Pb)	≤5 ppm	3 ppm
Iron (Fe)	≤3 ppm	2 ppm
Calcium (Ca)	≤0.005%	0.002%
Magnesium (Mg)	≤0.002%	0.001%
Sodium (Na)	≤0.005%	0.004%

Water (internal): 0.2%

11/27/2007 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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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)