



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Potassium Nitrate ACS_
Catalog Number: 191428_
Lot: 9469B_

Formula: KNO₃
CAS #: 7757-79-1

Physical Description: Off-White Powder

Formula Weight: 101.10
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Assay	≥99.0%	99.41%
pH (5% aq soln)	4.5-8.5	6.05
Insoluble Chloride	≤0.005%	0.002%
Chloride (Cl)	≤0.002%	0.0008%
Iodate (IO ₃)	≤5 ppm	Passes
Iodate and nitrate	Passes Test	Passes
Phosphate (PO ₄)	≤5 ppm	Passes
Sulfate (SO ₄)	≤0.003%	Passes
Calcium, magnesium, and R ₂ O ₃ precipitate	≤0.01%	0.0039%
Heavy Metals (as Pb)	≤ 5 ppm	0.0002%
Iron (Fe)	≤3 ppm	0.0001%
Sodium (Na)	≤0.005%	0.0025%

Approved - 06/21/99 by Joe Dietz

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)