



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Ammonium Molybdate Tetrahydrate, ACS

Catalog Number: 152497

Lot: 7935K

Formula: $(\text{NH}_4)_6 \text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$

CAS #: 12054-85-2

Physical Description: White Crystalline Powder

Formula Weight: 1235.86

Storage: Room Temperature

Test	Specification	Result
Assay (as MoO ₃)	81.0 - 83.0%	81.4%
Insoluble Matter	≤0.005%	<0.005%
Chloride (Cl)	≤0.002%	<0.002%
Nitrate (NO ₃)	Passes	Passes
Arsenate, Phosphate and Silicate (as SiO ₂)	≤0.001%	<0.001%
Phosphate (PO ₄)	≤5 ppm	<0.0005%
Sulfate (SO ₄)	≤0.02%	<0.02%
Heavy Metals (as Pb)	≤0.001%	<0.001%
Magnesium	≤0.005%	0.005%
Potassium	≤0.002%	0.001%
Sodium	≤0.01%	0.0001%

Christina Marotta

08/20/2010 - Christina Marotta

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)