



MP Biomedicals, LLC

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## Certificate of Analysis

**Product Description:** Alkaline Phosphatase\_  
**Catalog Number:** 199817\_  
**Lot:** 1558J\_

**Formula:** Not Available

**CAS #:** 9001-78-9

**Physical Description:** White Suspension

**Formula Weight:** Not Available

**Storage:** +4°C, do not freeze

Test	Specification	Result
Identity Test	Passes	Passes
Source	<i>E. coli</i>	<i>E. coli</i>
Specific Activity	≥30 u/mg protein	80 ± 5 u/mg protein
Activity	~1000 u/ml	1000 u/ml
Supplied as	Ammonium Sulfate Suspension	2.7 M Ammonium Sulfate

Unit Definition: One unit will hydrolyze 1 μmole of 4-nitrophenyl phosphate per minute at pH 10.4, 37°C

Protein Concentration: 12.5 mg/ml

03/10/2006 - 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)