



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Alkaline Phosphatase_
Catalog Number: 159347_
Lot: M2837_

Formula: N/A
CAS #: 9001-78-9
Physical Description: White Lyophilized Powder

Formula Weight: N/A
Storage: -0°C

Test	Specification	Result
Identity Test	Passes	Passes
Activity	Report Result	2000 u/mg
Source	Calf Intestine	Calf Intestine

Unit definition: One unit liberates one μ mole of p-nitrophenol per minute at 37°C, pH 10.15 in Tris buffer. The enzyme activity is determined by measuring the increase in optical density at 405 nm resulting from the hydrolysis of p-nitrophenyl phosphate.

Protein: 95%

Specific activity: 2105 u/mg protein

Christina Marotta

11/23/2011 - 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)