



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Catalase\_  
**Catalog Number:** 100428\_  
**Lot:** M1930\_

**Formula:** N/A  
**CAS #:** 9001-05-2  
**Physical Description:** Green Powder

**Formula Weight:** N/A  
**Storage:** -0°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Source	Bovine Liver	Bovine Liver
Activity	~13,000 u/mg solid	17,080 u/mg solid
Expiration Date	Month/Day/Year	12/31/2011

Unit Definition: one unit decomposes one  $\mu$ mole of H<sub>2</sub>O<sub>2</sub> per minute at 25°C, pH 7.0.

Specific Activity: 52,880 u/mg protein

Spectrophotometric Data: E (1%/280): 4.98

Protein Concentration: 0.323 mg protein/mg material (Lowry)

*Christina Marotta*

06/23/2011 - 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)