



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Phosphodiesterase I  
**Catalog Number:** 100978  
**Lot:** QR13279

**Formula:** N/A  
**CAS #:** 9025-82-5  
**Physical Description:** Lyophilized Powder

**Formula Weight:** N/A  
**Storage:** -20°C

Test	Specification	Result
Identity Test	Passes	Passes
Source	<i>Crotalus adamanteus</i>	<i>Crotalus adamanteus</i>
Activity	#20 u/mg solid	72.7 u/mg DW
Expiration Date	Month/Day/Year	1/19/2019

Unit Definition: One unit hydrolyzes 1  $\mu$ mole of p-nitrophenyl thymidine-5-phosphate per minute at pH 8.9 and 25°C.  
% Nucleotidase: 3.3%  
A280/vial: 1.65  
u/vial: 125

01/24/2017 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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