



**MP Biomedicals, LLC**

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## Certificate of Analysis

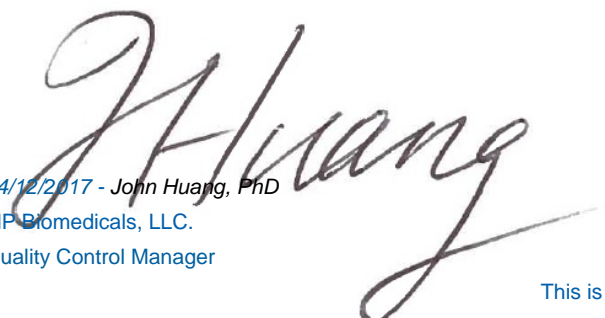
**Product Description:** Phosphodiesterase I  
**Catalog Number:** 100978\_  
**Lot:** Q6395\_

<b>Formula:</b> N/A <b>CAS #:</b> 9025-82-5 <b>Physical Description:</b> Lyophilized Powder	<b>Formula Weight:</b> N/A <b>Storage:</b> -20°C
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Test	Specification	Result
Identity Test	Passes	Passes
Source	<i>Crotalus adamanteus</i>	<i>Crotalus adamanteus</i>
Activity	#20 u/mg solid	110u/mg solid (DW)
Expiration Date	Month/Day/Year	09/30/2018

Unit Definition: One unit hydrolyzes 1 µmole of p-nitrophenyl thymidine-5-phosphate per minute at pH 8.9 and 25°C.  
% Nucleotidase: 1.36%  
A280/vial: 1.23  
u/vial: 110

04/12/2017 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager



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