



**MP Biomedicals, LLC**

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530

Fax: 440/337-1180  
web: www.mpbio.com

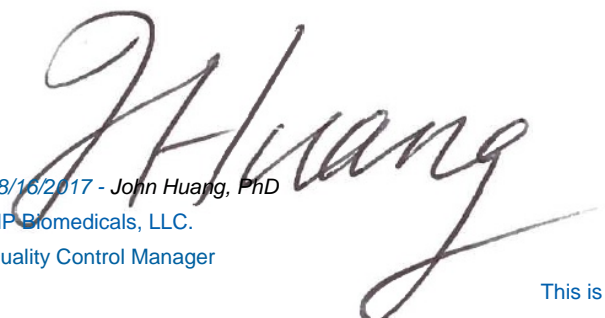
## Certificate of Analysis

<b>Product Description:</b> Phosphodiesterase I <b>Catalog Number:</b> 100978_ <b>Lot:</b> Q7252_
---------------------------------------------------------------------------------------------------------

<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
---------------------------------------------------------------------------------------------------	-----------------------------------------------------

Test	Specification	Result
Identity Test	Passes	Passes
Source	<i>Crotalus adamanteus</i>	<i>Crotalus adamanteus</i>
Activity	#20 u/mg solid	90.3u/mg solid (DW)
Expiration Date	Month/Day/Year	06/30/2019

Unit Definition: One unit hydrolyzes 1  $\mu$ mole of p-nitrophenyl thymidine-5-phosphate per minute at pH 8.9 and 25°C.  
A280/vial: 0.97  
Nucleotidase: 0.76%  
u/vial: 102

  
08/16/2017 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

This is an electronically generated document  
mailto:biotech@mpbio.com  
http://www.mpbio.com

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)