



**MP Biomedicals, LLC**

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## Certificate of Analysis

<b>Product Description:</b> Phosphodiesterase I <b>Catalog Number:</b> 100978_ <b>Lot:</b> M2722_
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<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	65.8 u/mg solid
Expiration Date	Month/Day/Year	5/31/2013

Unit Definition: One unit hydrolyzes 1  $\mu$ mole of p-nitrophenyl thymidine-5-phosphate per minute at pH 8.9 and 25°C.  
Nucleotidase: 1.21%

11/08/2011 - Christina Marotta  
MP Biomedicals, LLC.  
Technical Director

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