

# Certificate of analysis

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<b>Product Name/Description:</b>	Pfu Protease S		
<b>Cat. #:</b>	7339		
<b>Lot #:</b>	Specified on product label		
<b>Storage Conditions:</b>	4 degrees C		
<b>Expiration Date:</b>	Specified on product label or package		
<b>Package Size:</b>	500 U		
<b>Package Contents:</b>	1. Pfu Protease S	100 U/ml	500 U
<b>Source:</b>	Bacillus species carrying a plasmid that encodes the Pyrococcus furiosus protease.		
<b>Unit Definition:</b>	One unit of the enzyme is the amount that produces 1 $\mu$ mol of p-nitroaniline from Suc-AAPF-pNA in a minute at 95°C, pH 7.0. Suc-AAPF-pNA: N-succinyl Ala-Ala-Pro-Phe p-nitroanilide		
<b>Quality Control Data:</b>	Purity: Homogeneous on SDS-PAGE.		

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department of Takara Bio Inc.

**Notice To Purchaser:**

Please refer to the website.

**Product Documents, Patent Markings, Trademarks, & Safety Information:**

Refer to website for availability to download or contact your local office:  
[www.takara-bio.co.jp](http://www.takara-bio.co.jp) (Japanese)  
[www.takarabio.com](http://www.takarabio.com) (English)

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