

**CERTIFICATE OF ANALYSIS**

<b>Thrombin from bovine plasma</b>	<b>Cat. No. : 36402</b>
min. 1000 units/mg protein lyophil. E.C. 3.4.21.5	<b>Lot. No. : 140009</b>

Parameter	Method	Specification	Result
<b>Molecular weight</b>		ca. 37 000	
<b>Appearance</b>		white lyophilisate	corresponds
<b>Specific Activity</b> (NIH U/mg protein)	Thrombin	min. 1000	2402
<b>Activity</b> (U/mg solid)	Thrombin		249.8
<b>Minimum shelf life</b>			09/ 2017
<b>Storage (°C)</b>			+2 to +8

**Unit definition:**

One NIH unit clots a standard fibrinogen solution in 15 sec. at 37°C.

This material is derived from animals born and sourced from the United States. The animals are from a natural beef program in accordance to FDA Regulation 21 CFR 589.2000, which prohibits the use of animal proteins in ruminant feed.

The animals, both pre- and post-mortem, were apparently free from infectious and contagious diseases. Therefore to the best of our knowledge and belief, we can state that BSE/TSE should not be a concern.

<p><b>We do not guarantee that the product can be used for a special application.</b>  <b>This document does not release you from performing the standard control upon receipt of incoming goods.</b></p>
---

**SERVA Electrophoresis GmbH**  
**Quality Control**

**Printing date:** 08.01.2014

Dipl.-Ing. (FH) Bernhard Göckel

Daniela Lux-Helmstetter

This report has been computer generated and does not contain a signature.