

## 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. : 181274</b>

Parameter	Method	Specification	Result
<b>Molecular weight</b>		ca. 37 000	
<b>Appearance</b>		white lyophilisate	corresponds
<b>Specific Activity (NIH U/mg protein)</b>	Thrombin	min. 1000	2659
<b>Activity (U/mg solid)</b>	Thrombin		264.42
<b>Minimum shelf life</b>			06.12.2021
<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.

**Die Eignung des Produktes für spezielle Anwendungszwecke wird nicht zugesichert.  
Dieses Dokument entbindet nicht von einer branchenüblichen Eingangskontrolle.**  
We do not guarantee that the product can be used for a special application.  
This document does not release you from performing the standard control upon receipt of incoming goods.

**SERVA Electrophoresis GmbH  
Qualitätskontrolle/ Quality Control**

**Druckdatum/ printing date: 10.12.2018**

Christian Monsler

Daniela Lux-Helmstetter

**Dieses Dokument ist ein Computerausdruck und deshalb ohne Unterschrift gültig.**

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