

CERTIFICATE OF ANALYSIS

| | |
|---|--------------------------|
| Thrombin from bovine plasma | Cat. No. : 36402 |
| min. 1000 units/mg protein lyophil. E.C. 3.4.21.5 | Lot. No. : 210173 |

| Parameter | Method | Specification | Result |
|---|----------|--------------------|-------------|
| Molecular weight | | ca. 37 000 | |
| Appearance | | white lyophilisate | corresponds |
| Specific Activity (NIH U/mg protein) | Thrombin | min. 1000 | 2725 |
| Activity (U/mg solid) | Thrombin | | 269.79 |
| Minimum shelf life | | | 12.02.2024 |
| Storage (°C) | | | +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>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.</p> |
|---|

SERVA Electrophoresis GmbH
Quality Control

Printing date: 15.02.2021

Christian Monsler

Daniela Lux-Helmstetter

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