CERTIFICATE OF ANALYSIS



| Pepsin porcine E.C. 3.4.23.1. 2x cryst. lyophil. | | Cat.No. : 31820 Contr.No.: 140176 | |
|--|-------------------------------------|--------------------------------------|-------------|
| Parameter | Method | Specification | Result |
| Molecular weight | | ca. 36 000 | |
| Appearance | | white lyophilisate | corresponds |
| Solubility | 1 mg/ml 0.01 N HCl | clear and colorless | corresponds |
| | | 5 | |
| Activity (milliAnson-U/mg) | Pepsin by Anson | ca. 15 | 13.8 |
| Activity (U/E ₂₈₀) | ×(0 ⁰) | > 2500 | 2830 |
| Activity (PU/mg) | "Pepsin Unit" according to Anson | ca. 0.015 | 0.0138 |
| Minimum shelf life | | | 02/ 2015 |
| Storage (°C) | | | -15 to -25 |

Unit definition

1 milliAnson-Unit is equivalent to 1µmol of Folin-positive amino acids calculated as tyrosine, released from denaturated hemoglobin per minute at 37 °C, pH 2.0.

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 Quality Control

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