

CERTIFICATE OF ANALYSIS

Proteinase K from Tritirachium album
solution 20 mg solid/ml, min. 600 U/ml

Cat.No. : 33755
Contr.No.: P200210

| Parameter | Method | Specification | Result |
|------------------------------------|----------------|--|----------------------------|
| Molecular weight | Proteinase K | ca. 28 000 | |
| Appearance | | colorless solution in 50 % glycerol, cont. 20 mM Tris, 1 mM CaCl ₂ , pH ca. 7.4 | corresponds |
| Activity (U/ml) | milliAnson | min. 600 | corresponds |
| Concentration (mg solid/ml) | | 20 | 20 |
| UV/Vis-spectrum | | correspond to reference | corresponds |
| Extraneous activities | DNase RNase | not detectable not detectable | corresponds corresponds |
| Minimum shelf life | | | 23.06.2022 |
| Storage (°C) | | | -15 to -25 |

Unit definitions

One mAnson-Unit is that amount of enzyme which liberates Folin-positive amino acids and peptides, corresponding to 1 µmol tyrosine per minute at 37°C and pH 7.4 using urea-denaturated hemoglobin as substrate.

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

Printing date: 26.06.2020

Christian Monsler

Patricia Milford

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