

# SPEZIFIKATION

## SPECIFICATION

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**Proteinase K from Tritirachium album**  
lyophil.

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**Cat.No. : 33752**

| <b>Parameter</b>             | <b>Method</b>                    | <b>Specification</b>             |
|------------------------------|----------------------------------|----------------------------------|
| <b>Molecular weight</b>      |                                  | ca. 28 000                       |
| <b>Appearance</b>            |                                  | white lyophilisate               |
| <b>Activity</b>              | DMC U/mg<br>determined with TNBS | min. 8                           |
| <b>Extraneous activities</b> | DNase<br>RNase                   | not detectable<br>not detectable |
| <b>Storage (°C)</b>          | +2 to +8                         |                                  |

### Unit definition

One DMC-Unit is that amount of enzymatic activity which catalyzes the cleavage of 1  $\mu$ equivalent peptide bond from dimethylcasein per minute at 25°C, pH 7.0, expressed in terms of the appearance of new terminal amino groups.

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| <p>We do not guarantee that the product can be used for a special application.<br/>This document does not release you from performing the standard control upon receipt of incoming goods.</p> |
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**SERVA Electrophoresis GmbH**  
**Quality Control**

Dr. H. Volger

D. Lux-Helmstetter

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