

# CERTIFICATE OF ANALYSIS

<b>Proteinase K from Tritirachium album</b> lyophil.	<b>Cat.No. : 33752</b> <b>Contr.No.: 170038</b>
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Parameter	Method	Specification	Result
<b>Molecular weight</b>		ca. 28 000	
<b>Appearance</b>		white lyophilisate	corresponds
<b>Activity</b>	DMC U/mg determined with TNBS	min. 8	10.9
<b>Extraneous activities</b>	DNase	not detectable	corresponds
	RNase	not detectable	corresponds
<b>Minimum shelf life</b>			25.01.2019
<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.

<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>
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**SERVA Electrophoresis GmbH**  
**Quality Control**

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