

**CERTIFICATE OF ANALYSIS**

<b>Proteinase K from Tritirachium album</b>	<b>Cat.No. : 33755</b>
solution $\geq 20$ mg/ml, $\geq 600$ U/ml	<b>Contr.No.: 130300</b>

Parameter	Method	Specification	Result
<b>Molecular weight</b>		ca. 28 000	
<b>Appearance</b>		colorless solution in 50% glycerol, cont. 20mM Tris, 1mM CaCl <sub>2</sub> , pH ca.7.4	corresponds
<b>Activity (U/ml)</b>		$\geq 600$	928
<b>Protein concentration (mg/ml)</b>		$\geq 20$	39
<b>Extraneous activities</b>	DNase RNase	not detectable not detectable	corresponds corresponds
<b>Minimum shelf life</b>			11/ 2014
<b>Storage (°C)</b>			-15 to -25

**Unit definition**

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

<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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