

## CERTIFICATE OF ANALYSIS

<b>Pronase E from Streptomyces griseus</b> E.C. 3.4.24.4 lyophil.	<b>Cat.No. : 33635</b> <b>Contr.No.: 170497</b>
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Parameter	Method	Specification	Result
<b>Appearance</b>		light ivory-colored lyophilisate	corresponds
<b>Activity</b>	DMC U/mg determined with TNBS	min. 5.0	7.0
<b>Activity in other units</b>	PU-units/g Casein substrate; 40 °C, pH 7.4	ca. 1 000 000	1 080 000
	PUK-units/g Casein substrate, 40 °C, pH 7.5	ca. 20 000	corresponds
<b>Minimum shelf life</b>			23.05.2020
<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 7.5, expressed in terms of the appearance of new terminal amino groups.

**We do not guarantee that the product can be used for a special application.  
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**SERVA Electrophoresis GmbH**  
**Quality Control**

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Christian Monsler

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