

# CERTIFICATE OF ANALYSIS

**Pronase E from Streptomyces griseus**  
E.C. 3.4.24.4 lyophil.

**Cat.No. : 33635**  
**Contr.No.: 240690**

Parameter	Method	Specification	Result
<b>Appearance</b>		light ivory-colored lyophilisate	corresponds
<b>Activity</b>	DMC U/mg determined with TNBS	min. 5.0	6.6
<b>Activity in other units</b>	PU-units/g Casein substrate; 40 °C, pH 7.4	ca. 1 000 000	1 090 000
	PUK-units/g Casein substrate, 40 °C, pH 7.5	ca. 20 000	corresponds
<b>Minimum shelf life</b>			30.07.2026
<b>Storage (°C)</b>			+2 to +8

## Unit definition

One DMC-Unit is that amount of enzymatic activity which catalyzes the cleavage of 1 µequivalent 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**

**Printing date: 20.08.2024**

Dr. Judith Koch

Daniela Lux-Helmstetter

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