

# CERTIFICATE OF ANALYSIS

<b>Bromelain from pineapple stem</b>	<b>Cat.No. : 15250</b>
E.C. 3.4.22.4. powder	<b>Contr.No.: 180689</b>

Parameter	Method	Specification	Result
<b>Molecular weight</b>		ca. 33 000	
<b>Appearance</b>		ivory-colored powder	corresponds
<b>Solubility</b>	1 mg/ml 50 mM sodium phosphate buffer, pH 7.0	almost clear and colorless	corresponds
<b>Activity (DMC U/mg)</b>	determined with TNBS	min. 0.2	0.2
<b>Minimum shelf life</b>			19.06.2021
<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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Christian Monsler

Daniela Lux-Helmstetter

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