

**CERTIFICATE OF ANALYSIS**

<b>Bromelain from pineapple stem</b> E.C. 3.4.22.4. powder	<b>Cat.No. : 15250</b> <b>Contr.No.: 110305</b>
---	--

Parameter	Method	Specification	Result
Molecular weight		ca. 33 000	
Appearance		ivory-colored powder	corresponds
Solubility	1 mg/ml 50 mM sodium phosphate buffer, pH 7.0	almost clear and colorless	corresponds
Activity (DMC U/mg)	determined with TNBS	min. 0.4	0.4
Minimum shelf life			03/ 2014
Storage (°C)			+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 7.0, expressed in terms of the appearance of new terminal amino groups.

<b>We do not guarantee that the product can be used for a special application.</b> <b>This document does not release you from performing the standard control upon receipt of incoming goods.</b>
--

**SERVA Electrophoresis GmbH**  
**Quality Control****Printing date:** 12.12.2012

Dipl.-Ing. (FH) Bernhard Göckel

Daniela Lux-Helmstetter

This report has been computer generated and does not contain a signature.