

# CERTIFICATE OF ANALYSIS

<b>Catalase from <i>Aspergillus niger</i></b>	<b>Cat.No. : 26905</b>
E.C. 1.11.1.6 lyophil. salt-free	<b>Contr.No.: 170059</b>

Parameter	Method	Specification	Result
<b>Molecular weight</b>		ca. 240 000	
<b>Appearance</b>		yellowish brown lyophilisate	corresponds
<b>Solubility</b>	1 mg/ml 0.05 M potassium- phosphate buffer, pH 7.0	clear and light green	corresponds
<b>A<sub>405</sub>/ A<sub>280</sub></b>		min. 0.5	0.504
<b>Activity (U/mg)</b>	Catalase	min. 1800	2415
<b>Minimum shelf life</b>			23.01.2021
<b>Storage (°C)</b>			-15 to -25

## Unit definition

1 Unit is that amount of enzymatic activity which catalyzes the decomposition of 1 µmol of hydrogen peroxide per minute at 25°C, pH 7.0.

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.

**SERVA Electrophoresis GmbH**  
**Quality Control**

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Christian Monsler

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