

# CERTIFICATE OF ANALYSIS

|                                   |                   |               |
|-----------------------------------|-------------------|---------------|
| <b>Catalase from bovine liver</b> | <b>Cat.No. :</b>  | <b>26910</b>  |
| lyophil. salt-free                | <b>Contr.No.:</b> | <b>250728</b> |

| Parameter                 | Method                                            | Specification                     | Result      |
|---------------------------|---------------------------------------------------|-----------------------------------|-------------|
| <b>Molecular weight</b>   |                                                   | ca. 240 000                       |             |
| <b>Appearance</b>         |                                                   | green to light brown lyophilisate | corresponds |
| <b>Solubility</b>         | 1 mg/ml 0.05 M potassium-phosphate buffer, pH 7.0 | clear and light brown             | corresponds |
| <b>Activity (U/mg)</b>    | Catalase                                          | ca. 11 000                        | 13 000      |
| <b>Minimum shelf life</b> |                                                   |                                   | 05.08.2026  |
| <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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Dr. Judith Koch

Daniela Lux-Helmstetter

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