

# CERTIFICATE OF ANALYSIS

|                                                        |                                                     |
|--------------------------------------------------------|-----------------------------------------------------|
| <b>Ribonuclease A from bovine pancreas</b><br>lyophil. | <b>Cat.No. : 34390</b><br><b>Contr.No. : 210090</b> |
|--------------------------------------------------------|-----------------------------------------------------|

| Parameter                 | Method                      | Specification       | Result      |
|---------------------------|-----------------------------|---------------------|-------------|
| <b>Molecular weight</b>   |                             | ca. 13 700          |             |
| <b>Appearance</b>         |                             | white lyophilisate  | corresponds |
| <b>Solubility</b>         | 1 mg/ml H <sub>2</sub> O    | clear and colorless | corresponds |
| <b>Activity (U/mg)</b>    | Ribonuclease A<br>by Kunitz | min. 70             | 142         |
| <b>Minimum shelf life</b> |                             |                     | 31.05.2023  |
| <b>Storage (°C)</b>       |                             |                     | +2 to +8    |

## Unit definition

1 Kunitz-Unit is that amount of enzymatic activity which is capable of causing within 1 minute a decrease in absorbance at 300 nm equivalent to the maximum possible change in a 0.05 % solution of yeast RNA at 25 °C, pH 5.0.

We do not guarantee that the product can be used for a special application.  
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**SERVA Electrophoresis GmbH**  
**Quality Control**

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