

**CERTIFICATE OF ANALYSIS**

|  |                           |
|--|---------------------------|
| <b>Ribonuclease A from bovine pancreas</b> | <b>Cat.No. : 34388</b>    |
| <b>E.C. 3.1.27.5 lyophil.</b>              | <b>Contr.No. : 140735</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. 80             | 106         |
| <b>DNase activity</b>     |                             | none detected       | corresponds |
| <b>Minimum shelf life</b> |                             |                     | 04/ 2016    |
| <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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Dipl.-Ing. (FH) Bernhard Göckel

Patricia Milford

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