

# CERTIFICATE OF ANALYSIS

<b>Ribonuclease A from bovine pancreas</b>	<b>Cat.No. : 34388</b>
E.C. 3.1.27.5 lyophil.	<b>Contr.No. : 210974</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 by Kunitz	min. 80	98.8
<b>DNase activity</b>		none detected	corresponds
<b>Minimum shelf life</b>			17.08.2023
<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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Christian Monsler

Daniela Lux-Helmstetter

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