

## Certificate of Analysis

Product Name:

**Rnase A (Ribonuclease A) from Bovine Pancreas for molecular biology,  
≥50Kunitz U/mg protein, PurBio**

Product No.: PSR50221  
Lot No.: Sample COA  
Brand: PureSynth  
CAS No.: 9001-99-4  
Molecular Formula: NA  
Molecular Weight: NA  
Date of Mfg.: NA  
Date of Exp.: NA

Test	Specification	Result
Appearance	White to Off White Lyophilized Powder	White Lyophilized Powder
Solubility (Colour)	Clear	Clear
Solubility (Turbidity)	Colourless	Colourless
Activity	NMT 50 Kunits/mg	52.25 Kunits/mg
Loss on drying	NMT 2 %	1.89 %
Unit Definition	One unit is defined as the amount of enzyme necessary to hydrolyze RNA to yield a velocity constant, $k = 1$ , at 25°C and pH5.0 (also known as Kunitz-Unit).	Conforms
Enzyme solution for activity determination	Prepared in cold ultrapure water.	Conforms

### Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at [www.pure-synth.com](http://www.pure-synth.com)

Inspect on receipt

### Storage Condition:

Store at a temperature -20 °C of and keep the container tightly closed.

PureSynth Research Chemicals GmbH

*This is electronically-generated copy & is valid without a signature*

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.

For queries on this COA, please contact our technical team at [technical@pure-synth.com](mailto:technical@pure-synth.com)