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## Certificate of Analysis

<b>Product</b>	<b>98915 - Ribonuclease A (RNase A) ex. Bovine Pancreas for molecular biology, 50Kunitz/mg - [9001-99-4]</b>
<b>Batch No</b>	<b>3242768</b>
<b>Analysis Date</b>	03-Sep-2024
<b>Date of Manufacture</b>	September 2024
<b>Expiry Date/Re-Test Date</b>	September 2029

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off white	Off-white
Appearance (Form)	Lyophilized powder	Lyophilized powder
Solubility (Turbidity) 0.1% aq. solution	Clear	Clear
Solubility (Colour) 0.1% aq. solution	Colourless	Colourless
Activity	min. 50 Kunitz/mg powder	65 Kunitz/mg powder
Loss on drying	max. 2%	1.1%
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

FRM/82/11/4/98915 Rev No. 3 Date 01/01/2023

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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