



**SISCO  
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PVT. LTD.**

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# Certificate of Analysis

**Product**

**78349 - Protamine Sulfate for molecular biology,  
90-110% - [9009-65-8]**

**Batch No**

**6812538**

**Analysis Date**

20-Feb-2024

**Date of Manufacture**

February 2024

**Expiry Date/Re-Test Date**

February 2029

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to almost white	White
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 1% aq. solution	Clear	Clear
Solubility (Colour) 1% aq. solution	Colourless	Colourless
Assay (HPLC) (on dried basis)	90.0-110.0%	95.2%
Absorbance (A) of 1% aq. solution in a 1cm cell v/s H <sub>2</sub> O		
@260nm	max. 0.1	0.022
@280nm	max. 0.1	0.014
Loss on drying at 105°C	max. 5%	3.4%
Iron (Fe)	max. 0.001%	Passes
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/78349 Rev No. 1 Date 21/02/2024

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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