



**SISCO  
RESEARCH  
LABORATORIES  
PVT. LTD.**

[www.srlchem.com](http://www.srlchem.com)

## Certificate of Analysis

**Product**

**45073 - Proteinase K ex. Pichia Pastoris (Type E - Recombinant) for molecular biology & PCR, 40U/mg - [39450-01-6]**

**Batch No**

**8871098**

**Analysis Date**

28-Feb-2024

**Date of Manufacture**

February 2024

**Expiry Date/Re-Test Date**

February 2029

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Activity	min. 40 units/mg protein	49.2 units/mg protein
Protein content	min. 70%	83.3%
Unit Definition	One unit will hydrolyze casein to produce color equivalent to 1.0 micromole (181 µg) of tyrosine per minute at pH 7.5 at 37 °C (color by Folin & Ciocalteu's reagent).	Conforms
Enzyme solution for activity determination	Prepared in cold 10 mM sodium acetate buffer, pH 7.5.	Conforms
Not for medicinal use	.	.

FRM/82/11/4/45073 Rev No. 2 Date 12/02/2023

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

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

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

1/1

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

This COA has been generated electronically and it is valid without signature.