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Certificate of Analysis

Product	32753 - Proteinase K ex. Pichia Pastoris (Type D - Recombinant) for molecular biology & PCR, 30U/mg - [39450-01-6]
Batch No	4712331
Analysis Date	15-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Activity	min. 30 units/mg protein	159.6 units/mg protein
Protein content	min. 70%	75%
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 10mM sodium acetate buffer, pH 7.5.	Conforms
Not for medicinal use	.	.

FRM/82/11/4/32753 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

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