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Certificate of Analysis

Product

**49936 - Proteinase K ex. Tritirachium Album (Type A)
for molecular biology, 30U/mg - [39450-01-6]**

Batch No

8820396

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%

DNase, RNase

Not detected

Not detected

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

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FRM/82/11/4/49936 Rev No. 3 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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