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Certificate of Analysis

Product

**42168 - Catalase (CAT) (Type 1) ex. Bovine Liver,
11700U/mg - [9001-05-2]**

Batch No

2639333

Analysis Date

14-Jan-2024

Date of Manufacture

January 2024

Expiry Date/Re-Test Date

January 2029

Test Parameters

Standards

Actual Results

Appearance (Colour)

Brown to dark green

Brown

Appearance (Form)

Powder

Powder

Activity

min. 11700 units/mg powder

14386.9 units/mg powder

Unit Definition

One unit will decompose 1.0 micromole of hydrogen peroxide per minute at pH 7.0 at 25 °C., while the hydrogen peroxide concentration falls from 10.3 to 9.2 mM, measured by the rate of decrease of absorbance at 240 nm.

Conforms

Enzyme solution for activity determination

Prepared in 0.05 M potassium phosphate buffer, pH 7.0.

Conforms

FRM/82/11/4/42168 Rev No. 2 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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