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Certificate of Analysis

Product

**87448 - r-Malate Dehydrogenase (r-MDH)
(Thermostable), 500U/mg**

Batch No

4307814

Analysis Date

02-Mar-2024

Date of Manufacture

March 2024

Expiry Date/Re-Test Date

March 2029

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Activity	min. 500 units/mg protein	580 units/mg protein
Unit Definition	One unit of malate dehydrogenase will convert 1.0 micromole of Oxaloacetate and β -NADH to L-Malate and β -NAD ⁺ per minute at pH 7.5 at 25 °C.	Conforms
Enzyme solution for activity determination	Prepared in 0.1 M potassium phosphate buffer, pH 7.5.	Conforms

FRM/82/11/4/87448 Rev No. 3 Date 14/05/2023

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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