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Certificate of Analysis

Product	28498 - Peroxidase ex. Horseradish RZ >3.0, w/o Stab., Salt free (HRP Type 1), 250U/mg solids - [9003-99-0]
Batch No	1304835
Analysis Date	04-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029

Test Parameters	Standards	Actual Results
Appearance (Colour)	Pale brown to reddish brown	Reddish brown
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Activity	min. 250 Purpurogallin units/mg powder	269.7 Purpurogallin units/mg powder
RZ value	3 - 4	3.3
Unit Definition	One unit of peroxidase is defined as the amount of enzyme required to catalyse the production of 1 mg of purpurogallin from pyrogallol in 20 seconds at 20°C at pH 6.0.	Conforms
Enzyme solution for activity determination	Prepared in 0.1 M phosphate buffer, pH 6.0	Conforms

FRM/82/11/4/28498 Rev No. 5 Date 04/06/2024

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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