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Certificate of Analysis

Product

**12647 - Pepsin 1:2500 ex. Porcine Stomach Mucosa,
0.6Anason U/mg - [9001-75-6]**

Batch No

3569530

Analysis Date

30-Jan-2025

Date of Manufacture

January 2025

Expiry Date/Re-Test Date

January 2030

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	Off-white
Appearance (Form)	Crystalline powder	Crystalline powder
Loss on drying	max. 5%	2.3%
Activity	min. 1:2500 (Egg Albumin digesting power) min. 0.6 Anson units/mg powder	1:2500 (Egg Albumin digesting power) 0.9 Anson units.mg powder
Unit Definition	1:2500- One gram of pepsin will digest 2500 grams of coagulated egg albumin. Anson unit: One unit will produce ΔA at 280 nm of 0.001 per minute at pH 2.0 and 37 °C, measured as TCA soluble products using hemoglobin as a substrate.	Conforms
Enzyme solution for activity determination	Prepared in 0.1 N HCl	Conforms

FRM/82/11/4/12647 Rev No. 5 Date 27/07/2024

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

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

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