



**SISCO  
RESEARCH  
LABORATORIES  
PVT. LTD.**

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## Certificate of Analysis

**Product**

**48062 - Pepsin 1:10000 ex. Porcine Stomach Mucosa,  
2.5Anson U/mg - [9001-75-6]**

**Batch No**

**3605723**

**Analysis Date**

28-Feb-2024

**Date of Manufacture**

February 2024

**Expiry Date/Re-Test Date**

February 2029

**Test Parameters**

**Standards**

**Actual Results**

Appearance (Colour)

White to off-white

Off-white

Appearance (Form)

Crystalline powder

Crystalline powder

Loss on drying

max. 5%

3.3%

Activity

min. 1:10000 (Egg Albumin digesting  
power)  
min. 2.5 Anson units/mg powder

1:10476 (Egg Albumin digesting  
power)  
2.6 Anson units/mg powder

Unit Definition

Anson unit: One unit will produce  $\Delta A$  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.  
1:10000- One gram of pepsin will digest  
10000 grams of coagulated egg  
albumin.

Conforms

Enzyme solution for activity  
determination

Prepared in 0.1 N HCl

Conforms

FRM/82/11/4/48062 Rev No. 3 Date 17/09/2022

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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