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## Certificate of Analysis

**Product**

**20374 - Trypsin ex. Porcine Gastric Mucosa for cell culture, 0.2Anson U/g(2000U/g), Endotoxin(BET) 0.05EU/mg - [9002-07-7]**

**Batch No**

**1982857**

**Analysis Date**

05-Sep-2023

**Date of Manufacture**

September 2023

**Expiry Date/Re-Test Date**

September 2028

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 1% aq. solution	Clear	Clear
Solubility (Colour) 1% aq. solution	Colourless	Colourless
Activity	min. 0.2 Anson units/g powder, min. 50 BAEE units/mg powder	102 BAEE units/mg powder
Suitability for Cell Culture	Passes test	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	< 0.05 EU/mg	Passes
Unit Definition	One BAEE unit of Trypsin activity will produce $\Delta A$ at 253 nm of 0.001 per minute with BAEE as substrate at pH 8.0 at 25 °C in a reaction volume of 3.0 mL. BAEE units = 1 NF unit	Conforms
Enzyme solution for activity determination	Prepared in 0.001 N Tris HCl.	Conforms

FRM/82/11/4/20374 Rev No. 5 Date 17/09/2022

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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