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Certificate of Analysis

Product

74055 - Trypsin 1:250 ex. Bovine Pancreas for cell culture, 1000BAEE U/mg, Endotoxin (BET) 0.05EU/mg - [9002-07-7]

Batch No

2881860

Analysis Date

01-Nov-2023

Date of Manufacture

November 2023

Expiry Date/Re-Test Date

November 2028

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 1% aq. solution	Clear to slight opalescent	Clear
Activity	min. 1000 BAEE units/mg powder	1830 BAEE units/mg powder
Suitability for Cell Culture	Passes	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	<0.05 EU/mg	Passes
Unit Definition	One BAEE unit of Trypsin activity will produce a ΔA 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. 3 BAEE units = 1 NFunit	Conforms
Enzyme solution for activity determination	Prepared in 0.001 N Tris HCl.	Conforms

FRM/82/11/4/74055 Rev No. 4 Date 17/09/2022

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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