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Certificate of Analysis

Product 52682 - Trypsin ex. Bovine Pancreas for cell culture, 0.2Anson U/g (2000U/g), Endotoxin (BET) 0.05EU/mg - [9002-07-7]
Batch No 6779183
Analysis Date 12-Aug-2023
Date of Manufacture August 2023
Expiry Date/Re-Test Date August 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	111.1 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 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 NF unit	Conforms
Enzyme solution for activity determination	Prepared in 0.001 N Tris HCl.	Conforms

FRM/82/11/4/52682 Rev No. 5 Date 17/09/2022

Prepared by Mayur

In compliance with the standard specifications of SRL

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

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