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Certificate of Analysis

Product	97900 - Cholesterol ex. Sheep Wool (Lanolin) for cell culture, 99%, Endotoxin (BET) 0.05EU/mg - [57-88-5]
Batch No	8886897
Analysis Date	07-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	C ₂₇ H ₄₆ O
Molecular Weight	386.66

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 10% solution in Diethylether	Almost clear	Almost clear
Solubility (Colour) 10% solution in Diethylether	Colourless	Colourless
Solubility (Turbidity) 10% solution in Chloroform	Clear	Clear
Solubility (Colour) 10% solution in Chloroform	Colourless	Colourless
Assay (GC)	min. 99% (As total steroid)	99.3%
Melting Point	147 - 150°C	148°C
Loss on drying	max. 0.1%	0.04%
Sulphated Ash	max. 0.1%	0.05%
Homogeneity by TLC	Passes test	Passes
Suitability for Cell Culture	Passes	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	<0.05 EU/mg	Passes

FRM/82/11/4/97900 Rev No. 4 Date 25/07/2023

Prepared by Vivek

In compliance with the standard specifications of SRL

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

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