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Certificate of Analysis

Product	77379 - Inositol for cell culture, 99%, Endotoxin (BET) 0.05EU/mg - [87-89-8]
Batch No	2284906
Analysis Date	11-Aug-2021
Date of Manufacture	August 2021
Expiry Date/Re-Test Date	August 2026
Molecular Formula	C6H12O6
Molecular Weight	180.16

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay	min. 99%	99.4%
Melting Point	223 - 226°C	225°C
Loss on drying	max. 0.5%	0.4%
Sulphated Ash	max. 0.1%	0.08%
Heavy Metals (Pb)	max. 0.001%	Passes
Suitability for Cell Culture	Passes test	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	<0.05 EU/mg	Passes

FRM/82/11/4/77379 Rev No. 1 Date 11/08/2021

Prepared by Dnyaneshwar

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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