



**SISCO
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PVT. LTD.**

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Certificate of Analysis

Product

**12493 - D-Maltose Monohydrate for cell culture,
Endotoxin (BET) 0.05EU/mg - [6363-53-7]**

Batch No

4655360

Analysis Date

02-May-2021

Date of Manufacture

May 2021

Expiry Date/Re-Test Date

May 2026

Molecular Formula

C₁₂H₂₂O₁₁.H₂O

Molecular Weight

360.31

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
Specific rotation [α]	+130 to +132° (C=4, water)	+131°
Sulphated Ash	max. 0.05%	0.03%
Chloride (Cl)	max. 0.01%	Passes
Sulphate (SO ₄)	max. 0.01%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Dextrin	max. 0.5%	Passes
Water (KF)	4.5 - 5.5%	5.4%
Suitability for Cell Culture	Passes	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	<0.05 EU/mg	Passes

FRM/82/11/4/12493 Rev No. 1 Date 04/05/2021

Prepared by Nishant

In compliance with the standard specifications of SRL

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

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1/1

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