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Certificate of Analysis

Product	68250 - Sucrose for cell culture - [57-50-1]
Batch No	8884775
Analysis Date	02-May-2021
Date of Manufacture	May 2021
Expiry Date/Re-Test Date	May 2026
Molecular Formula	C ₁₂ H ₂₂ O ₁₁
Molecular Weight	342.30

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 2M aq. solution	Clear	Clear
Solubility (Colour) 2M aq. solution	Colourless	Colourless
Specific rotation [α]	+66.4° to +66.6° (C=10, water)	66.6°
Loss on drying	max. 0.03%	0.008%
Sulphated Ash	max. 0.005%	0.002%
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO ₄)	max. 0.002%	Passes
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Copper (Cu)	max. 0.0001%	Passes
Reducing sugars (C ₆ H ₁₂ O ₆)	max. 0.01%	Passes
Nitrogen Compounds (N)	max. 0.002%	Passes
Suitability for Cell Culture	Passes	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	< 0.05 EU/mg	Passes

FRM/82/11/4/68250 Rev No. 1 Date 28/04/2021

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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