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Certificate of Analysis

Product	33320 - D-Sorbitol Powder for tissue culture, 98% - [50-70-4]
Batch No	9445746
Analysis Date	10-Feb-2024
Date of Manufacture	February 2024
Expiry Date/Re-Test Date	February 2029
Molecular Formula	C6H14O6
Molecular Weight	182.18

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. 98%	98%
Melting Point	~95°C	95°C
Chloride (Cl)	max. 0.005%	Passes
Sulphate (SO4)	max. 0.005%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Water (KF)	max. 1%	0.6%
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/33320 Rev No. 1 Date 03/19/2019

Prepared by Amruta

In compliance with the standard specifications of SRL

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

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