



**SISCO  
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PVT. LTD.**

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## Certificate of Analysis

<b>Product</b>	<b>68823 - D-Fructose for tissue culture - [57-48-7]</b>
<b>Batch No</b>	<b>3457686</b>
<b>Analysis Date</b>	29-Aug-2023
<b>Date of Manufacture</b>	August 2023
<b>Expiry Date/Re-Test Date</b>	August 2028
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>
<b>Molecular Weight</b>	180.16

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline hygroscopic powder	Crystalline hygroscopic powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Specific rotation [α]	- 91° to - 93° (C=10 , Water)	- 91.450°
Sulphated Ash	max. 0.1%	0.09%
Chloride (Cl)	max. 0.005%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
D-Glucose	max. 0.5%	Passes
Water	max. 0.5%	0.2%
Suitability for Tissue Culture	Passes	Passes
Not for Food and Medicinal Use	.	

FRM/82/11/4/68823 Rev No. 1 Date 10/25/2018

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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