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## Certificate of Analysis

<b>Product</b>	<b>14281 - D-Sorbitol Powder extrapure, 98% - [50-70-4]</b>
<b>Batch No</b>	<b>8900546</b>
<b>Analysis Date</b>	30-Sep-2024
<b>Date of Manufacture</b>	September 2024
<b>Expiry Date/Re-Test Date</b>	September 2029
<b>Molecular Formula</b>	C6H14O6
<b>Molecular Weight</b>	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%	98.1%
Melting Point	~95°C	99.7°C
Chloride (Cl)	max. 0.005%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.005%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Water (KF)	max. 1%	0.7%

FRM/82/11/4/14281 Rev No. 1 Date 01/11/2015

Prepared by Prasad

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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