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## Certificate of Analysis

<b>Product</b>	<b>51758 - Dextrose ACS - [50-99-7]</b>
<b>Batch No</b>	<b>9090094</b>
<b>Analysis Date</b>	25-Jun-2024
<b>Date of Manufacture</b>	June 2024
<b>Expiry Date/Re-Test Date</b>	June 2029
<b>Molecular Formula</b>	C6H12O6
<b>Molecular Weight</b>	180.16

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 [ $\alpha$ ]	+52.5° to + 53.0° (C=10, Water)	+52.721°C
Water Insoluble matter	max. 0.005%	0.002%
Loss on drying	max. 0.2%	0.08%
Chloride (Cl)	max.0.01%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Starch	Passes test	Passes
Sulphate & sulphite (SO4)	max.0.005%	Passes
Titration acid	max. 0.002 meq/g	0.001 meq/g

FRM/82/11/4/51758 Rev No. 3 Date 09/09/2023

Prepared by **Mayur**

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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