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Certificate of Analysis

Product 79887 - D-Mannitol ACS, 99% - [69-65-8]
Batch No 6664935
Analysis Date 05-Jun-2024
Date of Manufacture June 2024
Expiry Date/Re-Test Date June 2029
Molecular Formula C6H14O6
Molecular Weight 182.17

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 (HPLC)	min. 99%	100.5%
Loss on drying	max. 0.05%	0.01%
Specific rotation [α]	+23.3° to 24.3° @20°C (C=10 in sodium borate) (Dried Substances)	+23.415°
Heavy Metals (Pb)	max. 0.0005%	Passes
Reducing sugars (C6H12O6)	Passes Test	Passes
Insoluble matter	max. 0.01%	0.005%
Residue after ignition	max. 0.01%	0.003%
Titration acid	max. 0.0008%	0.0004%

FRM/82/11/4/79887 Rev No. 2 Date 06/04/2024

Prepared by Priti

In compliance with the standard specifications of SRL

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

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