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Certificate of Analysis

Product	17451 - D-Maltose Monohydrate ExiPlus, Multi-Compendial, 92% - [6363-53-7]
Batch No	1779558
Analysis Date	27-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	C ₁₂ H ₂₂ O ₁₁ .H ₂ O
Molecular Weight	360.31

Test Parameters	Standards	Actual Results
ExiPlus	Meets compendial specs of USP	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
pH (10% aq. solution)	4.0 - 5.5	5.08
Assay (HPLC) (on anhydrous basis)	min. 92%	95.6%
Residue on ignition	max. 0.05%	0.03%
Starch & Dextrin	Passes	Passes
Sulphite (SO ₃)	Passes	Passes
Water (KF)	4.5 - 6.5%	5.7%
Identification (IR Spectrum)	Passes	Passes
Identification	Passes	Passes

FRM/82/11/4/17451 Rev No. 1 Date 23/03/2024

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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