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Certificate of Analysis

Product	51649 - D-Raffinose Pentahydrate extrapure - [17629-30-0]
Batch No	4783643
Analysis Date	26-Feb-2024
Date of Manufacture	February 2024
Expiry Date/Re-Test Date	February 2029
Molecular Formula	C ₁₈ H ₃₂ O _{16.5} H ₂ O
Molecular Weight	594.53

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
Melting Point	78 - 80°C	79.8°C
Specific rotation [α] @20°C	+105 ° \pm 2°(C = 10 , Water)	+105.948°
Sulphated Ash	max. 0.1%	0.06%
Heavy Metals (Pb)	max. 0.001%	Passes
Water (KF)	max. 15%	14.1%

FRM/82/11/4/51649 Rev No. 3 Date 28/03/2022

Prepared by Vivek

In compliance with the standard specifications of SRL

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

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