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Certificate of Analysis

Product	42868 - D-Fructose extrapure - [57-48-7]
Batch No	2815913
Analysis Date	25-May-2024
Date of Manufacture	May 2024
Expiry Date/Re-Test Date	May 2029
Molecular Formula	C ₆ H ₁₂ O ₆
Molecular Weight	180.16

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline hygroscopic compound	Crystalline hygroscopic compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Specific rotation [α] @20°C	- 91° to - 93° (C=10 , Water)	-91.264°
Sulphated Ash	max. 0.1%	0.03%
Chloride (Cl)	max. 0.005%	Passes
Sulphate (SO ₄)	max. 0.005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
D-Glucose	max. 0.5%	Passes
Water	max. 0.5%	0.3%

FRM/82/11/4/42868 Rev No. 5 Date 06/08/2023

Prepared by Komal

In compliance with the standard specifications of SRL

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

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