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Certificate of Analysis

Product	88176 - D-Galactose extrapure - [59-23-4]
Batch No	1894954
Analysis Date	04-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2029
Molecular Formula	C6H12O6
Molecular Weight	180.16

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off white	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless to Pale yellow	Colourless
Specific rotation $[\alpha]$	+79° to +81° (C=5, water)	+79.291°
Loss on drying	max. 0.2%	0.1%
Sulphated Ash	max. 0.05%	0.03%
Chloride (Cl)	max. 0.005%	Passes
Sulphate (SO ₄)	max. 0.01%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Glucose	max. 0.1%	Passes

FRM/82/11/4/88176 Rev No. 1 Date 01/11/2015

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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