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Certificate of Analysis

Product	90701 - Sucrose extrapure AR, ACS - [57-50-1]
Batch No	7387718
Analysis Date	05-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	C ₁₂ H ₂₂ O ₁₁
Molecular Weight	342.30

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 2M aq. solution	Clear	Clear
Solubility (Colour) 2M aq. solution	Colourless	Colourless
Insoluble matter	max. 0.003%	0.002%
Specific rotation [α]	+66.4° to +66.6° (C=10, water)	+66.516°
Loss on drying	max. 0.03%	0.01%
Sulphated Ash	max. 0.005%	0.001%
Titration acid	max. 0.0008 meq/g	0.0003 meq/g
Chloride (Cl)	max. 0.0005%	Passes
Sulphate & sulphite (SO ₄)	max. 0.002%	Passes
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Copper (Cu)	max. 0.0001%	Passes
Reducing sugars (C ₆ H ₁₂ O ₆)	max. 0.01%	Passes

FRM/82/11/4/90701 Rev No. 1 Date 01/11/2015

Prepared by **ThakurRohit**

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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