

CERTIFICATE OF ANALYSIS

PRODUCT NAME : SUCROSE AR

CAS No : 57-50-1
Mol. Formula : C₁₂H₂₂O₁₁
Mol. WT : 342.30
Date of Analysis : 11/02/25

Product code : 26300
Batch No : MCAR-01226
Mfd. : Feb. 2025
Exp. : Jan. 2030

S.R	Test	Specification	Observation
1	Description	Colorless crystals or almost white or white crystalline powder	White crystalline powder.
2	Specific rotation [α] ²⁰ _D (10.0% w/v aqueous solution)	+66.4° to +66.6°	+66.45 ⁰
3	Insoluble matter	0.003% max	0.001%
4	Loss on drying at 100°C	0.05% max	0.035%
5	Sulphated ash	0.005%max	0.003%
6	Chloride (Cl)	0.0005% max	<0.005%
7	Nitrogen compounds (N)	0.002% max	<0.002%
8	Sulphate (SO₄)	0.002% max	<0.002%
9	Copper (Cu)	0.0001% max	<0.0001%
10	Iron (Fe)	0.0001% max	<0.0001%
11	Lead (Pb)	0.0001% max	<0.0001%
12	Reducing sugars (C ₆ H ₁₂ O ₆)	0.01% max	0.008%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATION

[Tested By]



**CHEMIST
(Shruti)**



[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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