

CERTIFICATE OF ANALYSIS

PRODUCT NAME : SUCROSE AR

CAS No	: 57-50-1	Product code	: 26300
Mol. Formula	: C ₁₂ H ₂₂ O ₁₁	Batch No	: MCAR-01810
Mol. WT	: 342.30	Mfd.	: July 2025
Date of Analysis	: 08/07/25	Exp.	: June 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°	+66.5°
3	Insoluble matter	0.003% max	0.001%
4	Loss on drying at 100°C	0.05% max	0.029%
5	Sulphated ash	0.005% max	0.002%
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	<0.01%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATION

[Tested By]



**CHEMIST
(Akash)**



[QC Incharge]



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

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