

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SUCROSE AR**

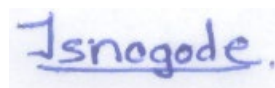
**CAS No : 57-50-1**  
**Mol. Formula : C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>**  
**Mol. WT : 342.30**  
**Date of Analysis : 24/08/24**

**Product code : 26300**  
**Batch No : MCAR-00520**  
**Mfd. : Aug. 2024**  
**Exp. : July 2029**

S.R	Test	Specification	Observation
1	<b>Description</b>	Colorless crystals or almost white or white crystalline powder	Almost white crystalline powder.
2	<b>Specific rotation [α]<sup>20</sup><sub>D</sub>(10.0% w/v aqueous solution)</b>	+66.4° to +66.6°	+66.5°
3	<b>Insoluble matter</b>	0.003% max	0.001%
4	<b>Loss on drying at 100°C</b>	0.05% max	0.04%
5	<b>Sulphated ash</b>	0.005%max	0.002%
6	<b>Chloride (Cl)</b>	0.0005% max	<0.005%
7	<b>Nitrogen compounds (N)</b>	0.002% max	<0.002%
8	<b>Sulphate (SO<sub>4</sub>)</b>	0.002% max	<0.002%
9	<b>Copper (Cu)</b>	0.0001% max	<0.0001%
10	<b>Iron (Fe)</b>	0.0001% max	<0.0001%
11	<b>Lead (Pb)</b>	0.0001% max	<0.0001%
12	<b>Reducing sugars (C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>)</b>	0.01% max	0.008%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATION

**[Tested By]**



**CHEMIST  
(Jyoti)**

**[QC Incharge]**



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

**MOLYCHEM H.Q.:** Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: [info@molychem.net](mailto:info@molychem.net) • Web: [www.molychem.net](http://www.molychem.net)

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.