



## **CERTIFICATE OF ANALYSIS**

|                         |          |                   |
|-------------------------|----------|-------------------|
| <b>Product Name</b>     | <b>:</b> | <b>SUCROSE AR</b> |
| <b>Cas No.</b>          | <b>:</b> | <b>57-50-1</b>    |
| <b>Code No.</b>         | <b>:</b> | <b>02580</b>      |
| <b>Batch No.</b>        | <b>:</b> | <b>PC02242713</b> |
| <b>Mfg. Date</b>        | <b>:</b> | <b>FEB-2024</b>   |
| <b>Date Of Analysis</b> | <b>:</b> | <b>17/02/2024</b> |
| <b>Retest Date</b>      | <b>:</b> | <b>JAN-2029</b>   |

| TEST                                                      | SPECIFICATION                                  | RESULT                   |
|-----------------------------------------------------------|------------------------------------------------|--------------------------|
| Appearance                                                | Colorless Crystals or white crystalline powder | White crystalline powder |
| Specific optical rotation ([ $\alpha$ ] <sub>25/D</sub> ) | +66.3° to +66.8°                               | +66.5°                   |
| Insoluble matter                                          | Max 0.005%                                     | 0.002%                   |
| Loss on drying (at 105°C; 6 hrs)                          | Max 0.05%                                      | 0.02%                    |
| Titration acid                                            | Max 0.0008 meq/g                               | 0.0002 meq/g             |
| Sulphated ash                                             | Max 0.02%                                      | 0.007%                   |
| Chloride (Cl)                                             | Max 0.005%                                     | 0.002%                   |
| Sulphate and Sulphite (as SO <sub>4</sub> )               | Max 0.005%                                     | 0.0007%                  |
| Heavy metal (as Pb)                                       | Max 0.0005%                                    | 0.00003%                 |
| Iron (Fe)                                                 | Max 0.0005%                                    | 0.000010%                |
| Reducing sugars (as glucose)                              | Max 0.05%                                      | 0.009%                   |

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

**This is an electronically generated Certificate and is valid without a signature.**

For Issues relating to Quality you may send us a mail on [sales@pallavchemicals.com](mailto:sales@pallavchemicals.com) or call on **022 4928 4000**

Website: [www.pallavchemicals.com](http://www.pallavchemicals.com)