

## Pallav Chemicals & Solvents Pvt. Ltd.

Manufacturers of Laboratory Fine Chemicals

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## **CERTIFICATE OF ANALYSIS**

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

| TEST  | SPECIFICATION                                  | RESULT                   |
|---|--|--------------------------|
| Appearance                                  | Colorless Crystals or white crystalline powder | White crystalline powder |
| Specific optical rotation ([a]25/D)         | +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%                    |
| Titrable 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 or call on 022 4928 4000

Website: www.pallavchemicals.com