



## **CERTIFICATE OF ANALYSIS**

|                         |          |   |
|-------------------------|----------|---|
| <b>Product Name</b>     | <b>:</b> | <b>1-PENTANE SULPHONIC ACID SODIUM SALT ANHYDROUS<br/>99% AR/HPLC</b> |
| <b>Code No.</b>         | <b>:</b> | <b>01945</b>  |
| <b>Batch No.</b>        | <b>:</b> | <b>PC03232839</b>   |
| <b>Mfg. Date</b>        | <b>:</b> | <b>MAR-2023</b>   |
| <b>Date Of Analysis</b> | <b>:</b> | <b>10/03/2023</b>   |
| <b>Retest Date</b>      | <b>:</b> | <b>FEB-2028</b>   |

| <b>TEST</b>                                | <b>SPECIFICATION</b>       | <b>RESULT</b>              |
|--|----------------------------|----------------------------|
| Appearance                                 | A white crystalline powder | A white crystalline powder |
| Assay (acidimetric; on dried basis)        | Min 99.0%                  | 99.86%                     |
| Identity (IR)                              | Conforms                   | Complies                   |
| pH (10% suspension)                        | 5.5 - 7.5                  | 7.40                       |
| UV transmittance (0.005 mol/L; 1cm; water) |                            |                            |
| at 200 nm                                  | Min. 70%                   | 97.26%                     |
| at 220 nm                                  | Min. 90%                   | 99.29%                     |
| at 250 nm                                  | Min. 98%                   | 99.85%                     |
| Loss on drying (at 120°C; vacuum)          | Max. 2%                    | 1.15%                      |

**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)