



## **CERTIFICATE OF ANALYSIS**

|                         |          |                             |
|-------------------------|----------|-----------------------------|
| <b>Product Name</b>     | <b>:</b> | <b>CYCLOHEXANE 99.5% AR</b> |
| <b>Code No.</b>         | <b>:</b> | <b>00908</b>                |
| <b>Batch No.</b>        | <b>:</b> | <b>PC12222236</b>           |
| <b>Mfg. Date</b>        | <b>:</b> | <b>DEC-2022</b>             |
| <b>Date Of Analysis</b> | <b>:</b> | <b>26/12/2022</b>           |
| <b>Retest Date</b>      | <b>:</b> | <b>NOV-2027</b>             |

| <b>TEST</b>  | <b>SPECIFICATION</b>     | <b>RESULT</b>            |
|--|--------------------------|--------------------------|
| Appearance   | A clear colorless liquid | A clear colorless liquid |
| Colour scale   | Max 10 APHA              | 6 APHA                   |
| Assay (by GC)  | Min 99.5%                | 99.93%                   |
| Weight/ mL at 20°C                                   | 0.777 - 0.779 g/ml       | 0.778 g/ml               |
| Refractive index (20°C; 589 nm)                      | 1.426 - 1.427            | 1.426                    |
| Water (H <sub>2</sub> O)                             | Max 0.02%                | 0.01%                    |
| Non-volatile matter                                  | Max 0.001%               | 0.001%                   |
| Benzene (C <sub>6</sub> H <sub>6</sub> )             | Max 0.01%                | Less than 0.01%          |
| Cyclohexene (C <sub>6</sub> H <sub>10</sub> )        | Max 0.01%                | Less than 0.01%          |
| Substance darkened by H <sub>2</sub> SO <sub>4</sub> | Passes test              | Passes                   |

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)