

**CERTIFICATE OF ANALYSIS**

PRODUCT NAME : CYCLOHEXANE FOR HPLC & UV SPECTROSCOPY

Code no. : CICH2500 CAS no. : 110-82-7

Lot no. : H185631601 Mfg date : JAN-2016

Exp date : DEC-2020 Analyzed on: 05/01/16

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| Sr. no. | Tests | Specifications | Results |
| 1 | Description  | A clear colourless liquid  | A clear colourless liquid  |
| 2 | Assay (By GC) | Min. 99.9% | 99.91% |
| 3 | Non–volatile matter  | Max. 0.0003% | 0.00026% |
| 4 | Acidity (as CH3COOH)  | Max. 0.0005% | 0.00031% |
| 5 | Water  | Max. 0.01% | 0.0065% |
| 6 | Minimum Transmission 1.0 cm against water at |
| A | 208 nm | 10.0% | 20.85% |
| B | 223 nm | 50.0% | 65.04% |
| C | 232 nm | 80.0% | 85.79% |
| D | 240 nm | 90.0% | 94.81% |
| E | From 250 nm | 98.0% | 99.16% |

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