



Certificate of Analysis.

cyclo Hexane for HPLC and UV Spectroscopy, ChromSolv[®].

| | |
|-------------------|--|
| Product code: | BS13650. |
| Description: | cyclo Hexane for HPLC and UV Spectroscopy, ChromSolv[®]. |
| Chemical Name: | Hexamethylene. |
| Pack: | 500 ml. |
| CAS NO.: | 110-82-7. |
| Mol. Weight: | 84.16 g/mol. |
| Mol. Formula: | C₆H₁₂. |
| MDL Number: | MFCD00003814. |
| Melting point: | 6 °C. |
| Boiling Point: | 81 °C. |
| Density: | 0.774 g/cm³. |
| Solubility: | Soluble in acetone. |
| Storage: | Store at ambient temperature. |
| LOT NO.: | Sample. |
| Manufacture Date: | Lot specific. |
| Expiry Date: | 5 years. |

| Test | Specification | Measured Values |
|------------------------------|-------------------------|----------------------|
| Appearance: | Colorless clear liquid. | Lot specific. |
| Water content%: | ≤ 0.005 %. | Lot specific. |
| Residue after Evaporation: | ≤ 0.0002 %. | Lot specific. |
| UV Transmittance Wavelength: | | |
| 230 nm: | ≥ 80 %. | Lot specific. |
| 240 nm: | ≥ 90 %. | Lot specific. |
| from 250 nm | ≥ 98 %. | Lot specific. |
| UV absorbance Wavelength: | | |
| 208 nm: | ≤ 0.70. | Lot specific. |
| 220 nm: | ≤ 0.26. | Lot specific. |
| 230 nm: | ≤ 0.10. | Lot specific. |
| 240 nm: | ≤ 0.05. | Lot specific. |
| from 250 nm: | ≤ 0.01 | Lot specific. |
| Purity by GC: | >99.8%. | Lot specific. |



Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.



Dr. K. Deepti.
Technical Head.

