







# Cyclohexane

Synonyms:

| CH <sub>2</sub> (CH <sub>2</sub> ) <sub>4</sub> CH <sub>2</sub> | Classification                   | Danger                                                                                                                                                                     |
|-----------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular weight                                                | 84.16 ONU                        | 1145   |
| CAS                                                             | 110-82-7 Transport hazard class: | 3      |
| EEC-N:                                                          | 203-806-2 Packing                | II                                                                                                                                                                         |

Cyclohexane

> RS - Pour HPLC - Isocratique

Grade Specificque

|                            |                         |     |
|----------------------------|-------------------------|-----|
| Description                | Clear colourless liquid | -   |
| Identification             | Positive                | -   |
| Density d <sub>20</sub> /4 | 0.776 - 0.782           | -   |
| Refractive index at 20°C   | 1.4229 - 1.4299         | -   |
| Boiling point              | 80.2 - 81.2             | °C  |
| Water (K.F.)               | <= 100                  | ppm |
| Residue on evaporation     | <= 2                    | ppm |



|                       |               |       |
|-----------------------|---------------|-------|
| Acidity or alkalinity | $\leq 0.0002$ | meq/g |
| Assay (GC)            | $\geq 99.9$   | %     |
| UV Transmittance      | -             | -     |
| at 200 nm             | $\geq 4$      | %     |
| at 210 nm             | $\geq 15$     | %     |
| at 220 nm             | $\geq 50$     | %     |
| at 230 nm             | $\geq 80$     | %     |
| at 240 nm             | $\geq 92$     | %     |
| at 250 nm             | $\geq 98$     | %     |
| at 260 nm             | $\geq 98.5$   | %     |
| Aromatic compounds    | $\leq 5$      | ppm   |

| ID                 | Size  | Packaging    |
|--------------------|-------|--------------|
| 000000000412431000 | 1 l   | Flacon verre |
| 000000000412432000 | 2.5 l | Flacon verre |



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