

# Certificate of Analysis

**PRODUCT :** N-HEXANE 99 % RS - ATRASOL - For traces analysis

**CODE :** P052323021

**LOT N° :** P3N569193N

**RE-TEST DATE :** 12/2025

**MOLECULAR WEIGHT :** 86.18

**CAS N° :** 110-54-3

**FORMULA :** CH<sub>3</sub>(CH<sub>2</sub>)<sub>4</sub>CH<sub>3</sub>

| TEST                                       | U.M. | SPECIFICATION           | RESULT  |
|--|------|-------------------------|---------|
| Description                                | -    | Clear colourless liquid | Conform |
| Refractive index at 20°C                   | -    | 1.373 - 1.377           | 1.375   |
| Water (K.F.)                               | ppm  | <= 50                   | 23      |
| Residue on evaporation                     | ppm  | <= 2                    | <2      |
| Colour                                     | APHA | <= 5                    | 5       |
| Assay (GC)                                 | %    | >= 99                   | 99.18   |
| GC-ECD.Individual peak (CCl <sub>4</sub> ) | µg/L | <= 1                    | <= 1    |
| to 1,2,4 trichlorobenzene                  | -    | -                       | -       |
| Ret.range dichloromethane                  | -    | -                       | -       |
| GC-ECD.Individual peak (Lindane)           | ng/L | <= 2                    | < 2     |
| Ret.range 1,2,4 trichlorobenzene           | -    | -                       | -       |
| to decachlorobiphenyle                     | -    | -                       | -       |
| GC-FID.Individual peak (n-hexadecane)      | µg/L | <= 2                    | < 2     |
| Ret. range n-undecane to n-tetracontane    | -    | -                       | -       |

For traces analysis.

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.  
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of inappropriate use.

Approve Date : 19/12/2023

Approved electronically, valid without a signature

**QUALITY CONTROL RESPONSIBLE**

**P. GUERARD (PEYPIN)**