

# Technical Specification

**PRODUCT : n-Octane RE Pure**
**CODE : 356660**
**MOLECULAR WEIGHT :114,23**
**CAS N° : 111-65-9**
**FORMULA : CH<sub>3</sub>(CH<sub>2</sub>)<sub>6</sub>CH<sub>3</sub>**

| TEST                     | U.M. | SPECIFICATION           |
|--------------------------|------|-------------------------|
| Description              | -    | Clear colourless liquid |
| Identification (I.R.)    | -    | Positive                |
| Colour                   | APHA | <= 10                   |
| Density at 20°C          | -    | 0.697 - 0.707           |
| Refractive index at 20°C | -    | 1.3925 - 1.4025         |
| Boiling point            | °C   | 124.5 - 126.5           |
| Residue on evaporation   | ppm  | <=30                    |
| Acidity (caprylic acid)  | ppm  | <=50                    |
| Total sulphur            | ppm  | <=50                    |
| Assay (GC)               | %    | >=95                    |

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 in