

# Technical Specification

**PRODUCT : Chloroform RPE For analysis ISO Stabilized with ethanol**

**CODE : 438600**

**MOLECULAR WEIGHT :119,38**

**CAS N° : 67-66-3**

**FORMULA : CHCl<sub>3</sub>**

| TEST                            | U.M. | SPECIFICATION   |
|---------------------------------|------|-----------------|
| Description                     | -    | Clear liquid    |
| Colour                          | APHA | <= 10           |
| Identification (I.R.)           | -    | Positive        |
| Free chlorine                   | -    | Conform         |
| Phosgene                        | -    | Conform         |
| Readily carbonizable substances | -    | Conform         |
| Alcohol miscibility             | -    | Complete        |
| Benzene miscibility             | -    | Complete        |
| Diethyl ether miscibility       | -    | Complete        |
| Density at 20°C                 | -    | 1.479 - 1.483   |
| Refractive index at 20°C        | -    | 1.4440 - 1.4460 |
| Boiling point                   | °C   | 61.0 - 61.5     |
| Water (K.F.)                    | ppm  | <= 300          |
| Residue on evaporation          | ppm  | <= 5            |
| Acidity (HCl)                   | ppm  | <= 5            |
| Ethanol                         | %    | 0.6 - 1.0       |
| Chloride                        | ppm  | <= 0.4          |
| Carbonyl compounds (as CO)      | ppm  | <= 5            |
| Cu                              | ppm  | <= 0.01         |
| Fe                              | ppm  | <= 0.1          |
| Pb                              | ppm  | <= 0.01         |
| Zn                              | ppm  | <= 0.05         |
| Assay (GC)                      | %    | >= 99.9         |

Stabilized with ~ 0.75% of absolute ethyl alcohol

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