

# Technical Specification

**PRODUCT : Dichloromethane RS SPECTROSOL For optical spectroscopy Stabilized with amylene**

**CODE : 442370**

**MOLECULAR WEIGHT :84,93**

**CAS N° : 75-09-2**

**FORMULA : CH<sub>2</sub>Cl<sub>2</sub>**

| TEST                       | U.M.  | SPECIFICATION           |
|----------------------------|-------|-------------------------|
| Description                | -     | Clear colourless liquid |
| Colour                     | APHA  | <=10                    |
| Identification (I.R.)      | -     | Positive                |
| Refractive index at 20°C   | -     | 1.4214 - 1.4274         |
| Boiling point              | °C    | 39.6 - 40.1             |
| Density d <sub>20</sub> /4 | -     | 1.322 - 1.328           |
| Water (K.F.)               | ppm   | <=100                   |
| Residue on evaporation     | ppm   | <=5                     |
| Acidity                    | meq/g | <=0.0005                |
| Assay (GC)                 | %     | >=99.9                  |
| Fluorescence               | -     | -                       |
| at 254 nm                  | ppb   | <=2                     |
| at 365 nm                  | ppb   | <=2                     |
| UV Transmittance           | -     | -                       |
| at 235 nm                  | %     | >=35                    |
| at 240 nm                  | %     | >=70                    |
| at 245 nm                  | %     | >=90                    |
| at 250 nm                  | %     | >=95                    |
| at 260 nm                  | %     | >=99                    |
| Amylene                    | ppm   | 20 - 60                 |
| Alcalinity                 | meq/g | <= 0.0002               |

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