

Technical Specification

PRODUCT : Chloroform RPE For analysis ISO Stabilized with ethanol

CODE : 438600

MOLECULAR WEIGHT :119,38

CAS N° : 67-66-3

FORMULA : CHCl₃

| 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.
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