

Technical Specification

PRODUCT : Diethyl ether RPE For analysis ACS Stabilized with BHT

CODE : 447520

MOLECULAR WEIGHT :74,12

CAS N° : 60-29-7

FORMULA : CH₃CH₂OCH₂CH₃

| TEST | U.M. | SPECIFICATION |
|---------------------------------|------|---------------|
| Description | - | Clear liquid |
| Colour | APHA | <= 10 |
| Identification (I.R.) | - | Positive |
| Foreign odour | - | Conform |
| Readily carbonizable substances | - | Conform |
| Density at 20°C | - | 0.714 - 0.716 |
| Refractive index at 20°C | - | 1.35 - 1.354 |
| Boiling point | °C | 34.0 - 35.0 |
| Water (K.F.) | ppm | <= 200 |
| Residue after evaporation | ppm | <= 10 |
| Acetone | ppm | <= 50 |
| Acidity (acetic acid) | ppm | <= 5 |
| Alcalinity (NH ₃) | ppm | <= 1.4 |
| Ethanol | ppm | <= 100 |
| Methanol | ppm | <= 200 |
| Carbonyl compounds (as CO) | ppm | <= 10 |
| Heavy metals (as Pb) | ppm | <= 1 |
| Peroxide | ppm | <= 1 |
| Al | ppm | <= 0.5 |
| Ca | ppm | <= 0.5 |
| Cd | ppm | <= 0.05 |
| Co | ppm | <= 0.02 |
| Cr | ppm | <= 0.02 |
| Cu | ppm | <= 0.02 |
| Fe | ppm | <= 0.1 |
| Mg | ppm | <= 0.1 |
| Mn | ppm | <= 0.02 |
| Ni | ppm | <= 0.02 |
| Pb | ppm | <= 0.05 |
| Sn | ppm | <= 0.1 |
| Zn | ppm | <= 0.1 |
| Assay (GC) | % | >= 99.8 |

Stabilized with 6 ppm BHT

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