

Technical Specification

PRODUCT : METHYL ISOBUTYL KETONE RPE - For analysis - ACS - Reag. Ph.Eur. - Reag. USP

CODE : 461940

MOLECULAR WEIGHT :100.16

CAS N° : 108-10-1

FORMULA : CH₃COCH₂CH(CH₃)₂

| TEST | U.M. | SPECIFICATION |
|-------------------------------|-------|-----------------|
| Description | - | Clear liquid |
| Colour | APHA | <= 10 |
| Identification (I.R.) | - | Conform |
| Alcohol miscibility | - | Complete |
| Benzene miscibility | - | Complete |
| Diethyl ether miscibility | - | Complete |
| Density at 20°C | - | 0.797 - 0.805 |
| Refractive index at 20°C | - | 1.3930 - 1.3990 |
| Boiling point | °C | 115.7 - 116.7 |
| Water (K.F.) | % | <= 0.05 |
| Residue on evaporation | ppm | <= 10 |
| Acidity | meq/g | <= 0.002 |
| Alcalinity (NH ₃) | ppm | <= 10 |
| Cd | ppm | <= 0.05 |
| Cu | ppm | <= 0.1 |
| Fe | ppm | <= 0.1 |
| Ni | ppm | <= 0.1 |
| Pb | ppm | <= 0.1 |
| Zn | ppm | <= 0.1 |
| Assay (GC) | % | >= 99.5 |
| Acetone | % | <= 0.1 |
| Mesityl and isomesityl oxide | % | <= 0.1 |
| 4-methyl-2-pentanol | % | <= 0.2 |

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.
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