

Technical Specification

PRODUCT : Methanol ERBApharm According to pharmacopoeia : DAB-NF-Ph.Eur.

CODE : 309200

MOLECULAR WEIGHT :32,04

CAS N° : 67-56-1

FORMULA : CH3OH

| TEST | U.M. | SPECIFICATION |
|----------------------------------|-----------|-------------------------|
| Description | - | Clear colourless liquid |
| Colour | APHA | <= 10 |
| Identification (I.R.) | - | Positive |
| Density d20/20 | - | 0.791 - 0.793* |
| Refractive index at 20°C | - | 1.328 - 1.330 |
| Acidity | DAB | Conform* |
| Acidity or alcalinity | Ph.Eur. | Pass test* |
| Acidity (formic acid) | ppm | <= 10* |
| Alcalinity (NH3) | ppm | <=1* |
| Water (K.F.) | ppm | <= 300 |
| Non volatile substances | ppm | <= 10 |
| Readily oxidizable substances | USP-NF | Conform* |
| Readily carbonizable substances | USP-NF | Conform* |
| Acetone | ppm | <=10 |
| Acetone and aldehyde | ppm | <= 20* |
| Ethanol | ppm | <= 100 |
| Heavy metals and Zn | ppm | <= 2* |
| Fe | ppm | <=1* |
| UV Absorbance (1cm, ref. w ater) | - | - |
| at 230 nm | AU | <= 0.15 |
| at 250 nm | AU | <= 0.05 |
| at 270 nm | AU | <= 0.02 |
| at 290 nm | AU | <= 0.01 |
| Absorbance UV curve | Ph.Eur. | Smooth |
| Benzene | ppm (V/V) | <= 2 |
| Related substances (GC) | - | Pass test |
| Assay (GC) | % | >=99.9 |
| Origin (BSE/TSE) | - | Synthesis |
| Residual solvents (Current ICH) | - | Conform* |

CHARACTERS

Appearance: clear, colourless, volatile, hygroscopic liquid

Solubility: miscible w ith w ater and w ith methylene chloride

bp: about 64 °C

It is flammable

This batch has been released by authorized personnel

* Parameters marked w ith * are tested periodically

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.
 CARLO ERBA Reagents w ould not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in