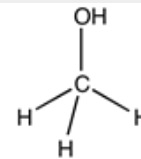


**Identification**

CH<sub>3</sub>OH  
M = 32,04 g/mol  
CAS [67-56-1]  
EC number: 200-659-6  
Taric code: 2905 11 00

**Synonyms**

Methyl alcohol, Carbinol, Methynol, Wood alcohol

**Applications**

solvents, synthesis of organic products, in antifreeze compositions, solvent for animal and vegetable oils extractions.

**Specifications**

assay (G.C.)..... min. 99,9 %  
identity (IR-spectrum)..... passes test  
density (20°/4°)..... 0,790 - 0,792  
acidity..... max. 0,0002 meq/g  
alkalinity..... max. 0,0002 meq/g  
residue on evaporation..... max. 0,0001 %  
water (K.F.)..... max. 0,02 %

240 nm..... 90 % 0,046 AU  
260 nm..... 98 % 0,010 AU  
gradient grade (235 nm)  
maximum background absorbance:..... 0,015 AU  
maximum peak absorbance:..... 0,0015 AU

min. transmission/max. absorbance in a 1,0 cm cell at  
wavelength:..... T(%) A (AU)  
215 nm..... 50 % 0,301 AU

fluorescence analysis: maximum absorbance: 1 ppb as quinine (in 0,1 N sulfuric acid), for the spectra recorded at the following conditions: EX wavelength between 220 and 450 / EM wavelength between 250 and 550

Microfiltered through membranes of pore diameter 0,22 µm

suitable for UPLC

**Physical data**

- Density: 0,792 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Melting point: -98 °C
- Boiling point: 65 °C
- Flash point: 10 °C
- Ignition temperature: 455 °C
- Vapour pressure: (20 °C) 128 hPa
- Refraction index: (n 20 °C/D) 1,3288
- Viscosity: (20 °C) 0,52 mPas
- Dipolar moment: (20 °C) 1,7 Debye
- Dielectric const.: (25 °C) 32,6
- Evap. heat: (65 °C) 1100 KJ/kg
- Saturation conc.: (20 °C) 166 g/m<sup>3</sup>
- Expl. limit (upper): 44 Vol%
- Expl. limit (lower): < 5,5 Vol%
- pH7
- Hygroscopic

**Safety - GHS**

**Signal Word:** Danger

**Hazard Statements:**

- H225: Highly flammable liquid and vapour.  
H301: Toxic if swallowed.  
H311: Toxic in contact with skin.  
H331: Toxic if inhaled.  
H370: Causes damage to organs.

**Precautionary Statements:**

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.  
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.  
P370+P378: In case of fire: Use ... for extinction.  
P405: Store locked up.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.



**Transport/storage**

- ADR: 3 FT1 II • UN 1230 • METHANOL
- IMDG: 3 II • UN 1230 • METHANOL
- IATA/ICAO: 3 II • UN 1230 • METHANOL
- PAX: 352
- CAO: 364
- 10°C - 30°C