

# Methanol



## Description

- ⇒ Methanol is a volatile, clear fluid with a faint odour.
- ⇒ Methanol is miscible with water, alcohols, aromatic hydrocarbons, esters and chlorocarbons, but not with aliphatic hydrocarbons.
- ⇒ This methanol is traded within the International Methanol Producers and Consumers Association (IMPCA) specification.
- ⇒ For the current IMPCA methanol specification visit IMPCA website at <http://www.impca.eu/IMPCA/Technical/IMPCA-Documents>

## Applications

- ⇒ Component in motor fuels and anti-freeze agents
- ⇒ A carbon source in the reduction of nitrogen at water treatment plants
- ⇒ Solvent and diluent
- ⇒ Raw material in the synthesis of formaldehyde and methyl acetate

## Sales specification

Methanol content, % <sup>1</sup>	Min. 99.9
Water content, % <sup>2</sup>	Max. 0.1
Colour, APHA <sup>3</sup>	Max. 5

## Typical properties

Acetone content, ppm <sup>1</sup>	20
Residue on evaporation, ppm <sup>4</sup>	10
Consumption content of permanganate, minutes <sup>5</sup>	50
Chloride content, mg/l <sup>6</sup>	0.3
Ethanol content, ppm <sup>1</sup>	30

### Analytical Method

<sup>1</sup> 1233, <sup>2</sup> 1048/209, <sup>3</sup> 1037, <sup>4</sup> 1179, <sup>5</sup> 1177, <sup>6</sup> 1180

Analytical methods are available on request

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