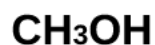


Industrial Methanol



Specification

GOST 2222-95

Technical Parameters

Indices		
Outward appearance	Colorless transparent liquid without insoluble impurities	
Density under 200C, g/cm ³	0,791-0,792	
Miscibility with water	Miscible with water without any traits of turbidity or opalescence	
Temperature limits:		
Boiling point, °C	64,0 - 65,5	
Limits for distillability of 99% of the product, °C, not more than	0,8 - 1,0	
Mass content of water, %, not more than	0,05 - 0,08	
Mass fraction of free acids in term of formic acid, %, not more than	0,0015	
Mass fraction of aldehydes and ketones in term of acetone, %, not more than	0,003 - 0,008	
Mass fraction of volatile iron compounds in term of iron, %, not more than	0,00001 - 0,0005	
Potassium permanganate test, min., not less than	60	
Mass fraction of ammonia and ammonia compounds in term of ammonia, %, not more than	0,00001	
Mass fraction of chlorine, %, not more than	0,0001 -0,001	
Mass fraction of sulphur, %, not more than	0,0001 -0,001	
Mass fraction of non-volatile residue after vaporization, %, not more than	0,001 -0,002	
Specific electrical conductivity, S/m, not more than	3*10 ⁻⁵	
Mass fraction of ethanol, %, not more than	0,01	
Colority according to platinum-cobalt scale, Hazen units, not more than	5	

Muharrem Candaş-1787 Sokak No:3 D:1
Candaş Apt. Bostanlı Mah. Bostanlı,
35590 Karşıyaka, İzmir-Türkiye
Tel.: +90 232 369 7601 +90 232 369 3450
Faks: +90 232 369 3450

General

Methanol – CH₃OH – methyl alcohol or wood alcohol, methylhydroxide, monohydroxymethane.

Colorless transparent liquid with a distinctive odour similar to ethyl alcohol.

Temperature limits of fire propagation 5 – 40 °C

Concentration limits of fire propagation 6,98 – 35,5 % (vol.)

Water solubility: infinite.

Industrial Methanol is produced by catalytic synthesis from Carbon and Hydrogen oxides.

Use of Methanol

- for main organic synthesis processes;
- in oil and gas industries for elimination of crystalline hydrates in pipelines and tests of boreholes as well as in chemical, pharmaceutical, microbiological industries for extraction, condensation, etc.

Safety specification

Methanol is a highly dangerous volatile flammable liquid and strong neurovascular poison.

Self-ignition point - 440 °C

Flash point - 6 °C

Transportation

Methanol can be transported by all means of transport in accordance with shipping rules valid for a specific type of transport.

Transportation of Methanol via rail roads must be performed only in rail car tanks; in barrels – by vehicle transport.

Manufacturer's warranty

Warranty shelf life – six months after manufacture date.



Muharrem Candaş-1787 Sokak No:3 D:1
Candaş Apt. Bostanlı Mah. Bostanlı,
35590 Karşıyaka, İzmir-Türkiye
Tel.: +90 232 369 7601 +90 232 369 3450
Faks: +90 232 369 3450