

**Methanol, methyl alcohol.****TECHNICAL SPECIFICATIONS**

No: ST-IXO 2752-1/2002

**PRODUCT NAME** : trade name**CAS**: 67-56-1**REACH**: 01-2119433307-44**SHELF LIFE (days)**: 730**APPEARANCE** : Transparent, without mechanical impurities

Parameter	Unit	Limit	Method
Methanol content	[ % ]	>= 99.85	GC
Color on the Pt-Co scale		<= 5	PN-81/C-04534.01
Density at 20°C	[ g/cm <sup>3</sup> ]	0.7905 - 0.7925	PN-81/C-04504
Start of distillation	[ °C ]	>= 64.0	PN-88/C-04512
End of distillation - end point	[ °C ]	<= 65,5	PN-88/C-04512
In the range of 0.8°C distills	[ % ]	>= 99.85	PN-88/C-04512
Content of free acids as formic acid	[ % m/m ]	<= 0.0015	PN-89/C-97905
Content of aldehydes and ketones as aldehyde formic	[ % m/m ]	<= 0.0090	PN-89/C-97905
Water content	[ % m/m ]	typically 0.2	PN-81/C-04959
Total iron content	[ % m/m ]	<= 0.00003	PN-89/C-97905
Sulfur content	[ % m/m ]	<= 0.00015	PN-89/C-45300
Permanganate number		>= 20	PN-86/C-04535
Dry residue content after evaporation	[ % m/m ]	<= 0.0015	PN-89/C-97905
Specific gravity (20/20°C)		0.791 - 0.793	
Chlorine content	[ % m/m ]	<= 0.0001	
Ethyl alcohol content	[ % m/m ]	<= 0.01	
The content of ammonium hydrate and amine compounds in expressed as ammonium hydrate	[ % m/m ]	<= 0.00001	
Carbonyl compounds as acetone	[ mg/kg ]	<= 30	
Acidity as acetic acid	[ ppm ]	<= 30	
Substances charring under the influence of acid sulfur		<= 30	

The certificate was made on the basis of the supplier's certificate. The data contained in this certificate were prepared on the basis of certificates and quality standards of suppliers or manufacturers and on the basis of tests in the factory laboratory.

Prepared by

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