

# Technical Specification

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

**CODE : 529100**

**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 with water and with methylene chloride

bp: about 64 °C

It is flammable

This batch has been released by authorized personnel

\* Parameters marked with \* 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 would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in