

# Technical Specification

**PRODUCT : Ethanol 96° ERBApharm According to pharmacopoeia : Ph.Eur.**

**CODE : 308640.PE**

**MOLECULAR WEIGHT :46,07**

**CAS N° : 64-17-5**

**FORMULA : C2H5OH**

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification (I.R.)	-	Positive
Acidity or alkalinity	Ph.Eur.	Conform*
Density d20/20	-	0.805 - 0.812
Residue on evaporation	% (w/V)	<= 0.0025
Assay (alcoholic) at 20°C	% (V/V)	95.1 - 96.9
Appearance of solution	Ph.Eur.	Conform*
Origin (BSE/TSE)	-	Vegetable
Residual solvents (Current ICH)	-	Conform*
Volatile impurities	Ph.Eur.	Conform
Methanol	ppm (V/V)	<= 200
Acetal + acetaldehyde	ppm (V/V)	<= 10
Benzene	ppm (V/V)	<= 2
Total other impurities	ppm (V/V)	<= 300
UV Absorbance (5cm, ref. w ater)	-	-
at 240 nm	AU	<= 0.40
from 250 to 260 nm	AU	<= 0.30
from 270 to 340 nm	AU	<= 0.10
from 235 to 340 nm	-	Smooth curve

**CHARACTERS :**

Solubility: miscible with water and with methylene chloride

It burns with a blue, smokeless flame

bp: about 78 °C

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