

# Technical Specification

**PRODUCT : Ethanol absolute anhydrous ERBApharm -According to pharmacopoeia : Ph.Eur.-USP-BP-JP**

**CODE : 529120**

**MOLECULAR WEIGHT :46,07**

**CAS N° : 64-17-5**

**FORMULA : C<sub>2</sub>H<sub>5</sub>OH**

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification (I.R.)	-	Positive
Color of solution	-	Pass test*
Clarity of solution	-	Pass test*
Density d <sub>20</sub> /20	-	0.790 - 0.793
Density at 15.56°C	-	<= 0.7962
Residue on evaporation	ppm (w/V)	<= 25
Assay (alcoholic) at 20°C	% (V/V)	>= 99.5
Assay (alcoholic) at 15,56°C	% (V/V)	>= 99.5
Acidity or alkalinity	ppm	<= 30*
Volatile impurities	-	Conform
Methanol	ppm (V/V)	<= 75
Acetal + acetaldehyde	ppm (V/V)	<= 10
Benzene	ppm (V/V)	<= 2
Total other impurities	ppm (V/V)	<= 300
Water (K.F.)	%	<= 0.1
UV Absorbance (5cm, ref. w ater)	-	Conform
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
Origin (BSE/TSE)	-	Vegetable
Residual solvents (Current ICH)	-	Conform*

## CHARACTERS

Appearance: colourless, clear, volatile, flammable liquid, hygroscopic

Solubility: miscible w ith w ater and w ith methylene chloride

It burns w ith a blue, smokeless flame

bp: about 78 °C

Tests performed according Pharmacopoeia methods

This batch has been released by authorized personnel

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