

Standard Analysis Certificate

PRODUCT :Ethanol 96° ERBapharm-According to pharmacopoeia: Ph.Eur.-USP
CODE :308640
METHOD :6894

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification	-	Positive
Acidity or alkalinity	Ph.Eur.	Conform
Density at 20° C	-	0.805 ÷ 0.812
Densità a 15.5°C	-	0.812 ÷ 0.816
Residue on evaporation	% m/v	<=0.0025
Assay(densim.) at 15.5°	% v/v	94.9 ÷ 96.0
Assay(alcohol.) at 20°C	% v/v	95.1 ÷ 96.9
Appearance of solution	Ph.Eur.	Conform
Boiling point	° C	~ 78
Origin (BSE/TSE)	-	Vegetable
Residual solvents (Current ICH)	-	Conform
Color of solution	USP-NF	Conform
Clarity of solution	USP-NF	Conform
Volatil impurities	Ph.Eur.	Pass test
Methyl alcohol	ppm(v/v)	<= 200
Acetal + acetaldehyde	ppm(v/v)	<= 10
Benzene	ppm(v/v)	<= 2
Total other impurities	ppm(v/v)	<= 300
Absorbance UV (5cm, ref. water)	-	Pass test
At 240 nm	AU	<= 0.40
From 250 to 260 nm	AU	<= 0.30
From 270 to 340 nm	AU	<= 0.10
235 - 340 nm	-	Smooth curve

Our products should be used in compliance with the current legislation, raw material for pharmaceutical uses included.

Date :11/01/2020

QUALITY CONTROL RESPONSIBLE
B. COULANGE (VDR)