

Standard Analysis Certificate

PRODUCT :ETHANOL 96 ° RPE ACS Reag Ph.Eur.
CODE :414630
METHOD :7132

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour (APHA)	-	<=10
Identification (I.R.)	-	Positive
Appearance of solution	USP	Conform
Water miscibility	ACS	Conform
Absorbance	Ph Eur	Conform
Volatile impurities	Ph Eur	Conform
Substances darkened by sulphuric acid	ACS	Conform
Density at 20° C	-	0.8050 ÷ 0.8124
Boiling point	° C	78.0 ÷ 79.0
Residue on evaporation	ppm	<=10
Acidity (acetic acid)	ppm	<=30
Alcalinity (NH3)	meq/g	<=0.0002
Alcole isopropilico-acetone	-	Conform
Methyl alcohol	%	<=0.1
Carbonyl Compounds (CO)	ppm	<=5
Acetal + acetaldehyde	ppm(v/v)	<= 10
Subst. reducing KMnO4	ppm	<=3
Ba	ppm	<=0.1
Ca	ppm	<=0.5
Cd	ppm	<=0.05
Co	ppm	<=0.02
Cr	ppm	<=0.02
Cu	ppm	<=0.02
Fe	ppm	<=0.1
Mg	ppm	<=0.1
Mn	ppm	<=0.02
Ni	ppm	<=0.02
Pb	ppm	<=0.1
Sn	ppm	<=0.1
Zn	ppm	<=0.1
Assay(alcohol.) at 20°C	% (v/v)	96.0 ÷ 96.9
Assay (GLC)	%	>=95.0

Date :11/01/2020

QUALITY CONTROL RESPONSIBLE
B. COULANGE (VDR)