

Technical Specification

PRODUCT : Ethanol 96° RPE For analysis ACS Reag. Ph.Eur.

CODE : 414630

MOLECULAR WEIGHT :46,07

CAS N° : 64-17-5

FORMULA : C2H5OH

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Colour	APHA	<=10
Identification (I.R.)	-	Positive
Water miscibility	ACS	Conform
UV Absorbance	Ph.Eur.	Conform
Volatile impurities	Ph.Eur.	Conform
Subst. darkened by H2SO4	ACS	Conform
Density at 20°C	-	0.805 - 0.812
Boiling point	°C	~ 78
Residue on evaporation	ppm	<= 10
Acidity	ppm	<= 30
Alcalinity	meq/g	<= 0.0002
Acetone-Isopropyl alcohol	-	Conform
Methanol	%	<=0.1
Carbonyl compounds (as CO)	ppm	<=5
Acetal + acetaldehyde	ppm (V/V)	<= 10
Subs. 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 (alcoholic) at 20°C	% (V/V)	96.0 - 96.9
Assay (GC)	%	>=95.0

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