

Ethanol, Pharma.

C ₂ H ₅ OH	FW. 46.07	Density 1 L = 0.790 Kg.
CAS-No.	64-17-5	Melting Point - 114.5 °C
Code	BP1380	Boiling Point 78.3 °C

Specifications

(Conforms to Ph.Eur, BP, USP/NF, JP, ACS)

Assay (by GC.)	99.7%	min.
Appearance	Clear, Colorless liquid	
Identity	Passes test	
Color of Solution	Passes test	
Clarity of Solution	Passes test	
Color (APHA)	10	max.
Water (by Coulometry)	0.2%	max.
Acidity or Alkalinity (as Acetic Acid)	30	ppm max.
Acidity (mEq./g)	0.0002	max.
Alkalinity (mEq./g)	0.0002	max.
Residue on Evaporation	0.001%	max.
Acetone, Isopropyl alcohol	Passes test	
Methanol (GC.)	200	ppm max.
Acetaldehyde and Acetal (GC.)	10	ppm max.
Benzene (GC.)	2	ppm max.
Total of other impurities (GC.)	300	ppm max.
Disregard limit (GC.)	9	ppm max.
Solubility in water	Passes test	
Substances darkened by Sulfuric acid	Passes test	
Substances reducing permanganate	Passes test	
UV Absorbance		
270 - 340 nm	0.10	AU max.
250 - 260 nm	0.30	AU max.
240 nm	0.40	AU max.
Relative density @ 20 °C	0.790 - 0.793	

Denatured with Denatonium benzoate 8-12 ppm and Tert Butyl Alcohol less than 0.15%.