

Sales Specification

Ethanol (Pharma grade.)

Product Name: Ethyl Alcohol 99%

CAS No.: 64-17-5

TEST	REQUIREMENT	METHOD
Assay at 20 °C	Not less than 99.5 % v/v	BP 2013
Appearance	Clear and colorless liquid	BP 2013
Solubility	Conforms to BP 2013	BP 2013
Identification	Conforms to BP 2013	BP 2013
Acedity or alkalinity	Conforms to BP 2013	BP 2013
Relative density at 20 °C	0.790 - 0.793	BP 2013
Residue on evaporation	Not more than 25 ppm m/v	BP 2013
Absorbance		BP 2013
At 240 nm	Not more than 0.40	
Between 250 nm and 260 nm	Not more than 0.30	
Between 270 nm and 340 nm	Not more than 0.10	
Volatile impurities		BP 2013
Acetaldehyde and Acetal	Not more than 10 ppm v/v	
Benzene	Not more than 2 ppm v/v	
Methanol	Not more than 200 ppm v/v	
Total of other impurities	Not more than 300 ppm v/v	

Refer to Thai Industrial Standard : Ethanol for Pharmaceutical Use. (TIS.640 BOOK1-2553)

British Pharmacopia 2013.