

METHANOL PH.EUR SPECIFICATION

Sr.No.	Tests	Specifications
1	Appearance	Clear, colourless volatile, hygroscopic liquid.
2	Solubility	Miscible with water and with methylene chloride.
3.	Boiling point	About 64°C (It is flammable)
4	Identification	
	a) Refractive index at 20±0.5°C	1.328 to 1.330 at 20±0.5°C
	b) By IR	The spectrum obtained with the substance to be examine corresponds in position & relative intensity to those in the spectrum obtained with that of Methanol CRS or its Working standard. (Purity index should not be less than 0.99).
5	Appearance of solution	The substance to be examine is clear and colourless.
6	Acidity or alkalinity	Not more than 0.9 ml of 0.01M sodium hydroxide is required to change the colour of the indicator to pink.
7	Relative density at 20°C	0.791 to 0.793 at 20°C
8	Absorbance	
	At 230 nm	Maximum 0.15
	At 250 nm	Maximum 0.05
	At 270 nm	Maximum 0.02
	At 290 nm	Maximum 0.01
	Between 230 nm to 290 nm	The absorption curve should be smooth.
9	Impurity A (By GC)	Maximum 2ppm v/v
10	Related substances (By GC)	
	A. Any impurity (For each impurity)	Not more than 0.1%
	B. Total impurities	Not more than 0.3%
11	Reducing substances	The pink colour should not completely discharged within 5 min.
12	Residue on evaporation	Maximum 10 ppm
13	Water	Maximum 0.10%