

**ETHYL ACETATE NF SPECIFICATION**

<b>Sr.No.</b>	<b>Tests</b>	<b>Specifications</b>
1	Description	Transparent, colorless liquid having a fragrant, refreshing, slightly acetous odor and a peculiar, acetous, burning taste.
2	Solubility	Miscible with water, with alcohol, with ether, with fixed oils and with volatile oils.
3	Identification By IR	The infrared absorption spectrum of sample should exhibit maxima Only at the wavelenght as that of similar preparation of USP Ethyl Acetate standard or working standard.
4	Specific gravity at 25°C	Between 0.894 to 0.898
5	Acidity	Not more than 0.10 ml of 0.10 N sodium hydroxide is required.
6	Readily carbonizable substances	No dark zone should be developed within 15 min.
7	Limit of non volatile residue	Not more than 0.02% w/w.
8	Limit of methyl compound	No violet color should appears.
9	Chromatographic Purity	Not less than 99.5%
11	Residual solvents	
	a) Ethanol	Not more than 5000ppm v/v
	b) Acetic acid	Not more than 5000ppm v/v