

PRODUCT SPECIFICATIONS SHEET
ETHYL ACETATE
Meets NF/EP GRADE Monographs

Main Catalog #: 3300NF/EP -Size Code*

*Individual package sizes have unique size codes

PRODUCT SPECIFICATIONS	MONOGRAPH	LIMITS	TYPICAL RESULT
Assay	NF	98.0-102.0%	99.99%
Identification A	NF	Infrared Absorption <197F>	Pass
Identification A	EP	Boiling point : 76°C – 78°C	Pass
Identification B	EP	IR comparable with Reference spectrum	Pass
Identification C	EP	It gives the reaction of acetyl	Pass
Identification D	EP	It gives the reaction of esters	Pass
Specific Gravity @ 25°C	NF	0.894-0.898	0.8969
Relative density @ 20°C	EP	0.898 – 0.902	0.9005
Acidity	NF	NMT 0.10 mL of 0.10 <u>N</u> NaOH is required	Pass
	EP	The solution remains pink for not less than 15sec.	Pass
Readily Carbonizable Substances	NF	No dark zone is developed within 15 minutes	Pass
Reaction with Sulfuric acid	EP	Interface of the 2 liquids is not colored	Pass
Chromatographic Purity	NF	Acetaldehyde NMT 0.1%	<0.1%
		Ethyl isobutyl ether NMT 0.1%	<0.1%
		Methyl compounds NMT 0.1%	<0.1%
		Other impurities NMT 0.3%	<0.3%
Appearance of Solution	EP	To Pass Test	Pass
Refractive Index @ 20°C	EP	1.370 – 1.373	1.3727
Residue on evaporation	EP	30 ppm max.	<10 ppm
Limit of nonvolatile residue	NF	NMT 0.02%	<0.001%
Water	EP	0.1% max.	0.03%
Related substances	EP	NMT 0.2% of the area of the principal peak.	Pass

Form Ethyl Acetate- NF/EP, Rev. 1.3, 03/19, PJM

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.