

PRODUCT SPECIFICATION SHEET
ETHYL ACETATE
MEETS NF/FCC GRADE MONOGRAPHS

Recommended Re-Test Date: Three Years from Date of Manufacture
 Main Catalog #: 330NF/FCC

Test	Mono graph	Specification	Typical Result
Assay as C ₄ H ₈ O ₂	NF FCC	98.0 – 102.0% 99.0% min.	99.99% 99.99%
Identification A Identification	NF FCC	Infrared Absorption Conforms to Infrared Spectra	Pass Conforms
Description	FCC	Colorless Liquid; Volatile at Low Temperature; Flammable	Pass
Specific Gravity @ 25C	NF FCC	0.894-0.898	0.8969
Refractive Index @ 20°C	FCC	1.370 – 1.375	1.372
Acidity	NF	NMT 0.10 mL of 0.10 N NaOH is required	Pass
Acid Value	FCC	5.0 max.	Pass
Odor	FCC	Acetous, Ethereal	Pass
Solubility	FCC	Miscible with alcohol, ether, glycerin, most oils; 1mL dissolves in 10 mL water	Pass
Boiling Point	FCC	~77°C	Pass
Readily Carbonizable Substances	NF FCC	No dark zone is developed within 15 minutes To Pass Test	Pass Pass
Limit of Methyl Compounds	FCC	To Pass Test	Pass
Limit of nonvolatile residue Residue on Evaporation	NF FCC	NMT 0.02% Not more than 0.02% of residue remains	<0.001%
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%
Distillation Range	FCC	76-77.5°C	77.0°C

Form Ethyl Acetate-NF/FCC, # 301, Rev. 2.8, 02/18, 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.