

Ethyl Acetate

Grade: ACS/USP/NF

Catalog number: 330000000

Test	Mono-graph	Specification	Typical Result
Assay (corrected for water)	ACS	99.5%, min	99.99%
Assay	NF	98.0-102.0%	99.96%
Identification A	NF	Infrared Spectroscopy	Pass
Specific Gravity @ 25°C	NF	0.894-0.898	0.8970
Acidity	NF	NMT 0.10 mL of 0.10N NaOH is required	0.05 mL
Readily Carbonizable Substances	NF	No dark zone develops within 15 minutes	Pass
Chromatographic Purity – Acetaldehyde	NF	NMT 0.1%	None Detected
Chromatographic Purity - 1-Ethoxy-2-methylpropane	NF	NMT 0.1%	None Detected
Chromatographic Purity - Methyl compounds	NF	NMT 0.1%	None Detected
Chromatographic Purity - Other impurities	NF	NMT 0.3%	None Detected
Color (APHA)	ACS	10 max.	1
Residue After Evaporation	ACS	0.003% max.	0.000%
Limit of nonvolatile residue	NF	NMT 0.02%	0.00%
Water	ACS	0.2% max.	0.01%
Titration Acid	ACS	0.0009 meq/g max	0.0003 meq/g
Substances Darkened by Sulfuric Acid	ACS	Passes Test	Pass

Certification and Compliance Statements

This product complies with all of the current requirements listed in the United States Pharmacopeia, National Formulary, American Chemical Society monographs.

This product is not derived, nor does it come in contact with, any materials derived from bovine or other animal sources.

No chemicals whatsoever are used as solvents at any point in the manufacture, processing or packaging of Ethyl Acetate. Only Class 2 and Class 3 residual solvents may appear as impurities / related substances / low level contaminants in Ethyl Acetate. Concentration of Class 2 Option 1 and Class 3 residual solvents is below limits in the current USP/NF General Chapter <467>.

Greenfield products are for further commercial manufacturing, laboratory use, or research. Greenfield is not registered with the United States Food and Drug Administration (FDA) as a drug manufacturing facility. Greenfield products are not registered with the FDA as active pharmaceutical ingredients in drug manufacturing. Appropriate/legal use of all products are the responsibility of the user and subject to applicable local laws and regulations.