

Certificate of Analysis

Product: Ethyl Acetate
Item Number: ETACHPLC
Grade: HPLC
Lot Number: 5000280/3.1
Manufacture Date: 08/17/2022
Expiration Date: 08/16/2027
Country of Origin: United States

Tested Property	Specification	Analysis
Assay (corrected for water)	Min 99.5%	99.96%
Assay, NF	98.0-102.0%	100.00%
Color (APHA)	Max 10	1
Residue After Evaporation	Max 0.003%	0.000
Substances Darkened by Sulfuric Acid	Passes Test	Pass
Titration Acid	Max 0.0009 meq/g	0.0003
Water	Max 0.2%	0.04
UV Absorbance		
@ 255nm	Max 1.00	0.52
@ 257nm	Max 0.50	0.26
@ 263nm	Max 0.10	0.04
@ 275nm	Max 0.05	0.04
@ 330-400nm	Max 0.01	0.00
Acidity	NMT 0.10 mL of 0.10N NaOH is required	0.05 mL
Identification A	Infrared Spectroscopy	Pass
Limit of nonvolatile residue	NMT 0.02%	0.00
Chromatographic Purity - Acetaldehyde	NMT 0.1%	None Detected
Chromatographic Purity -1-Ethoxy-2-methylpropane	NMT 0.1%	None Detected
Chromatographic Purity - Methyl compounds	NMT 0.1%	None Detected
Chromatographic Purity - Other impurities	NMT 0.3%	None Detected

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Readily Carbonizable Subs.	No dark zone develops within 15 min.	Pass
Specific gravity 25°C	0.894-0.898	0.897

[Ethyl Acetate](#)

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