

Certificate of Analysis

Product: Ethyl Acetate
Item Number: ETACHPLC
Grade: HPLC
Lot Number: 5000229/1.1
Manufacture Date: 05/17/2023
Expiration Date: 05/15/2028
Country of Origin: United States

Tested Property	Specification	Analysis
Assay (corrected for water)	Min 99.5%	99.99%
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	0.0004
Water	Max 0.2%	0.01
UV Absorbance		
@ 255nm	Max 1.00	0.55
@ 257nm	Max 0.50	0.28
@ 263nm	Max 0.10	0.04
@ 275nm	Max 0.05	0.01
@ 330-400nm	Max 0.01	0.00
Acidity	NMT 0.10 mL of 0.10N NaOH is required	0.10 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

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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