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Typical Product Specifications & Properties

Ethyl Alcohol Absolute (Dehydrated, Synthetic) USP, BP/EP, JP Grade

CAS Number: : 64-17-5

Specifications	Limits
Density	0.816 (15.5 c)
Surface Tension	21.99 dynescm
Auto/Self Ignition Temperature	temp. 362 c
Relative density	0.790 - 0.793 (BP/EP)
Identification A	It complies with the test for Specific Gravity (USP)
Identification C	An intense blue color appears on the paper and becomes paler after 10 - 15 minutes (BP/EP)
Identification D	A yellow precipitate is formed within 30 minutes (BP/EP)
Specific gravity	≤ 0.7962 (15.56C) (USP, BP/EP)
Specific gravity	0.794 - 0.797(JP)
Acidity	No color develops / A light red color develops upon addition of NaOH (JP)
Assay	$\geq 99.5\%$ (USP, BP/EP, JP)
Proof	≥ 199.0 proof (USP, BP/EP)



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Specifications	Limits
Identification A	It complies with the test for Relative Density (BP/EP)
Identification B	Conforms to IR Spectra (USP, BP/EP)
Appearance	Colorless, clear, volatile, flammable liquid, hygroscopic (BP/EP)
Acidity	The solution is pink (30 ppm, expressed as acetic acid) (USP, BP/EP)
Odor	volatile liq., vinous odor, pungent taste
Vapor Pressure	44.6 mm hg (20 c)
Refractive Index	1.365 (15 c)
Molecular weight	46.08
Color	colorless limpid
Flash Point	(cc) 12.7 c
Boiling Point	78.3 c



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