

## Typical Product Specifications & Properties

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

CAS Number: 64-17-5

Specifications	Limits
Specific gravity	$\leq 0.7962$ (15.56C) (USP, BP/EP)
Specific gravity	0.794 - 0.797(JP)
Relative density	0.790 - 0.793 (BP/EP)
Assay	$\geq 99.5\%$ (USP, BP/EP, JP)
Proof	$\geq 199.0$ proof (USP, BP/EP)
Identification A	It complies with the test for Specific Gravity (USP)
Identification A	It complies with the test for Relative Density (BP/EP)
Identification B	Conforms to IR Spectra (USP, BP/EP)
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)
Appearance	Colorless, clear, volatile, flammable liquid, hygroscopic (BP/EP)
Acidity	The solution is pink (30 ppm, expressed as acetic acid) (USP, BP/EP)
Acidity	No color develops/ A light red color develops upon addition of NaOH (JP)
Odor	volatile liq., vinous odor, pungent taste