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Typical Product Specifications & Properties

Ethyl Alcohol 95% (Synthetic) ACS/USP 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
Vapor Pressure	44.6 mm hg (20 c)
Solubility in water	To Pass Test (ACS)
Substances Reducing Permanganate	To Pass Test (ACS)
Identification B	Conforms to Infrared Spectra
Assay	94.9 - 96.0% Vol. (ACS)
Methanol	<= 0.1% (ACS)
Color	colorless limpid
Substances Darkened by Sulfuric Acid	To Pass Test (ACS)
Refractive Index	1.365 (15 c)



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415 Huguenot Street, New Rochelle, New York 10801

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Specifications	Limits
Color (APHA)	≤ 10 (ACS)
Identification A	It complies with test for Specific Gravity
Specific gravity	0.812 - 0.816 (15.56C)
Assay	$\geq 95.0\%$ Vol. (USP)
Acetone/IPA	To Pass Test (ACS)
Flash Point	(cc) 12.7 c
Molecular weight	46.08
Titration Base	≤ 0.0002 meq/g (ACS)
Titration Acid	≤ 0.0005 meq/g (ACS)
Acidity	The solution is pink (30ppm, expressed as acetic acid)
Boiling Point	78.3 c
Odor	volatile liq., vinous odor, pungent taste



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