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Typical Product Specifications & Properties

Ethyl Alcohol 95% (Synthetic) FCC 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
Specific gravity	≤ 0.8161 (15.56C)
Alkalinity	< 3 mg/kg (as NH ₃)
Fusel Oil	To Pass Test
Vapor Pressure	44.6 mm hg (20 c)
Color	colorless limpid
Methanol	To Pass Test
Nonvolatile Residue	$< 0.003\%$
Solubility in water	To Pass Test
Substances Darkened by Sulfuric Acid	To Pass Test



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Specifications	Limits
Refractive Index	1.365 (15 c)
Flash Point	60F, 16C (Tag Closed Cup)
Specific Gravity at 25°C	<= 0.8096
Lead	<= 0.5 mg/kg
Assay	>= 94.9%
Appearance	Clear, colorless, mobile liquid
Boiling Point	78.3 c
Odor	Typical neutral grain spirit
Molecular weight	46.08
Acidity as Acetic Acid	< 0.003% Wt.
Ketones, Isopropanol	To Pass Test
Substances Reducing Permanganate	To Pass Test



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Specifications	Limits
Refractive Index @ 20° C	1.362 - 1.366



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