

Specifications for Ethanol

Parameter	Value	
Molecular Formula	C ₂ H ₆ O	
Mol Wt	46.11	
CAS #	[64-17-5]	
Description	Clear colourless liquid	
Sp Gravity @ 20/20 deg cel	0.790 – 0.792	
Flash point in deg cel	12	
	Industrial Grade	Absolute
Purity (%)	94-95	99.5 min
Acidity as acetic acid in ppm	20 max	20 max
Aldehyde as acetaldehyde in ppm	60 max	40 max
Ester as ethyl acetate in ppm	200 max	Nil
ROE in ppm	50 max	20 max
Permanganate time in minutes	10	--

Uses:

Industry	Application
Process and Manufacturing	As general purpose solvent ; In manufacture of ethylene, acetaldehyde and downstreams
Fuel	As an additive in petrol and as octane booster
Fragrance	In mfr of denatured alcohol
Beverage	In liquors and beverages