

ETHYL ALCOHOL ANHYDROUS USP EP BP JP GRADE			
Test	Units	Method	Specification
Density in Air, Kg/L at 20 C		Methods specified in the Revenue Canada Customs & Excise Alcoholometric Tables	NMT 0.7885
Ethyl Alcohol Content, v/v%		Methods specified in the Revenue Canada Customs & Excise Alcoholometric Tables	NLT 99.5
IDENTIFICATION A Specific gravity, at 15.56/15.56 C		Calculation from density per USP monograph	NLT 0.7962
IDENTIFICATION A Relative density, at 20/20 C		Calculation from density per EP / BP monograph	0.790 to 0.793
Specific Gravity, at 15/15 C		Calculation from density per JP monograph	0.794 to 0.797
IDENTIFICATION B Infrared absorption		Current USP	Conforms to standard
Water Content, v/v%		Karl Fischer Titration	NMT 0.10
Acidity		Current USP	1mL of 0.01N NaOH in 20mL sample produces pink colour
Clarity of Solution		Current USP	Sample solution A and Sample solution B show the same clarity as that of water or their opalescence is not more pronounced than that of Standard suspension A
Colour of Solution		Current USP	Sample solution has the appearance of water or is not more intensely colored than the Standard solution
Nonvolatile Residue, g/100mL		Current USP	0.0020 max.
Ultraviolet Absorption		Current USP	NMT 0.40 at 240nm NMT 0.30 between 250 and 260nm NMT 0.10 between 270 and 340nm The spectrum shows a steadily descending curve with no observable peaks or shoulders
Aldehyde + Acetal, ppm (µL/L)		GC Analysis	NMT 10
Methanol, ppm (µL/L)		GC Analysis	NMT 75
Benzene, ppm (µL/L)		GC Analysis	NMT 2
Sum of All Other Areas, ppm (µL/L)		GC Analysis	NMT 300
Comments: Ethyl alcohol anhydrous conforms with all US Pharmacopoeia (USP), European Pharmacopoeia (EP), British Pharmacopoeia (BP), Japanese Pharmacopoeia (JP), and Food Chemicals Codex (FCC) standards.			Reference Number: 4.10-36
			Approved by: S.S.
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