

ISOPROPYL ALCOHOL 99% USP EP GRADE			
Test	Units	Method	Specification
Specific Gravity, at 25/25 C		Calculation	0.787 max.
Relative Density, at 20/20 C		Calculation	0.785 to 0.789
Isopropyl Alcohol Content, v/v%		Calculation	99.0 min.
Water Content, v/v%		Karl Fischer Titration	0.32 max.
Colour		APHA	10 max.
Acids as Acetic Acid, g/100mL		ASTM D 1613-06	0.001515 max.
Refractive Index		Current EP	1.376 to 1.378
Nonvolatile Residue, g/100mL		Current USP	0.002 max.
Miscibility with Water, at 20 C		Current USP	0.002 max.
Peroxides		Current EP	Meets test requirements
UV Absorbance at 230nm		Measured from 230-310nm in a 1cm cell with water as the compensation liquid	0.30 max.
UV Absorbance at 250nm		Measured from 230-310nm in a 1cm cell with water as the compensation liquid	0.10 max.
UV Absorbance at 270nm		Measured from 230-310nm in a 1cm cell with water as the compensation liquid	0.03 max.
UV Absorbance at 290nm		Measured from 230-310nm in a 1cm cell with water as the compensation liquid	0.02 max.
UV Absorbance at 310nm		Measured from 230-310nm in a 1cm cell with water as the compensation liquid	0.01 max.
UV Absorbance Curve		Measured from 230-310nm in a 1cm cell with water as the compensation liquid	The curve is smooth
Benzene, ppm		Current EP	2 max.
Impurities other than 2-Butanol, ppm		Current EP	3000 max.
Comment: Isopropyl alcohol 99% conforms with all current US Pharmacopoeia (USP) and European Pharmacopoeia (EP) standards.		Reference Number:	4.10-39USPEP
		Approved by:	P.O.
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