

Product Specification Sheet

**Harmonized USP/EP Alcohol
 Absolute, Dehydrated, Anhydrous
 (200 PROOF)
 Pure ETHANOL**

**This product meets or exceeds the current USP Specifications
 This product meets or exceeds the current EP Specifications.**

CATALOG NUMBER: 1110000EP200-Size Code*

Available in the following sizes:

*Refer to Master Price List – Individual package sizes have unique size codes

TEST	MONO GRAPH	SPECIFICATION	RESULT
Specific Gravity	Meets USP & conforms to EP	Not More Than 0.7962 @ 15.56°C	0.7936
Relative Density	Meets EP & conforms to USP	0.790 – 0.793	0.7905
Assay (Ethanol) V/V	USP/EP	Not less than 99.5% by Volume	99.96%
Proof (20C)	USP/EP	Not less than 199.0 proof	200.0
Identification Test A	USP EP	It complies with the test for Specific Gravity It complies with the test for Relative Density	Pass Pass
Identification Test B	USP/EP	Conforms to IR Spectra	Pass
Identification Test C	EP	An intense blue color appears on the paper and becomes paler after 10-15 minutes	Pass
Identification Test D	EP	A yellow precipitate is formed within 30minutes	Pass
Color of Solution	USP	The Test solution has the appearance of water or is not more intensely colored than the standard solution	Pass
Clarity of Solution	USP	Test Solution A & B show the same clarity as that of water, or their opalescence is not more pronounced than that of Reference Suspension A	Pass
Appearance	EP	Colorless, clear, volatile, flammable liquid, hygroscopic	Pass
Acidity or Alkalinity	USP/EP	The solution is pink (30ppm, expressed as acetic acid)	Pass
Limit of Nonvolatile Residue Residue on Evaporation	USP EP	Less than 2.5 mg of residue (25 ppm)	<10 ppm

Disclaimer: For Industrial, Pharmaceutical, Flavor & Fragrance or Lab Use. Not intended for use as an active substance in Food or Drug. Not to be considered a Medical Device. Not intended for use as a Disinfectant as defined by the EPA. The appropriate use of this product is the sole responsibility of the user. (Rev. # disclaimer only, rev 3.3 10/05/05 PD)

UV Absorbance	USP/EP	240nm	0.40 max.	0.28
		250nm	0.30 max.	0.10
		260nm	0.30 max.	0.04
		270nm	0.10 max.	0.01
		340nm	0.10 max.	0.00
		Absorption curve between 235nm – 340nm is smooth		
Volatile Impurities	USP/EP	Methanol	100 ppm	<1 ppm
		Sum of Acetal and Acetaldehyde	10ppm max	<1 ppm
		Benzene	2ppm max.	<1 ppm
		Sum of all secondary peaks	300ppm max.	<5 ppm

Form: Ethanol, Pure, 200, USP/EP Rev. 4.5, 6/08, SAK

For Industrial, Pharmaceutical, Flavor & Fragrance or Lab Use. Not intended as an active substance in Food or Drug. Not to be considered a Medical Device. Not intended for use as a Disinfectant as defined by the EPA. The expiration date of this product is three years from the date of manufacture, excluding Uv/Vis for 200 proof ethanol (See shelf life statement). (Rev. # disclaimer 200 proof only: Rev 3.3 05/13/03 PJM) Suitable but not intended for consumption.

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