



## SPECIFICATION SHEET

Product Name Ethyl Alcohol 100% (200 Proof)  
Grade EP Grade  
Catalog # 1113991  
Date: 13-Nov-2024  
Manufactured by: Greenfield Global Inc., 275 Bloomfield Road, Chatham,  
Ontario, N7M 0N6, Canada  
Packaged by: Greenfield Global LFS Ireland Limited, IDA Business &  
Technology Park Mountrath Road, Portlaoise, Laois, R32  
PXV6, Ireland

TEST	METHOD	SPECIFICATION
Assay (by relative density @20°C)	EP/BP	NLT 99.5% (v/v)
Assay (by relative density @ 20°C)	EP/BP	NLT 99.2% (m/m)
Identification A - Relative Density	EP/BP	0.790 - 0.793 @ 20°C
Identification Test B (Infrared Spectroscopy)	EP/BP	Conforms to IR Spectra
Appearance	EP/BP	Clear and Colorless, the dilution remains clear when compared with water
Residue on Evaporation	EP/BP	25 ppm, max
UV Absorbance	EP/BP	maximum 0.30 between 250 nm and 260 nm
UV Absorbance	EP/BP	maximum 0.10 between 270 nm and 340 nm
UV Absorbance	EP/BP	maximum 0.40 at 240 nm
UV Absorbance	EP/BP	The spectrum shows a steadily descending curve with no observable peaks or shoulders
Volatile Impurities - Acetaldehyde and Acetal	EP/BP	10 ppm V/V max. expressed as acetaldehyde
Volatile Impurities - Benzene	EP/BP	2 ppm V/V max.
Volatile Impurities - Methanol	EP/BP	NMT 200 ppm V/V
Volatile Impurities - Sum of all other impurities	EP/BP	NMT 300 ppm
Acidity or Alkalinity	EP/BP	The solution is pink (30ppm, expressed as acetic acid)

*\*LT – Less than, MT – More than, NMT – No more than*

### Certification and Compliance Statements

This lot of Anhydrous Ethyl Alcohol complies with all of the current requirements listed in the European Pharmacopeia monograph.

Greenfield Global LFS Ireland Limited, IDA Business & Technology Park  
Mountrath Road, Portlaoise, Laois, R32 PXV6, Ireland  
[www.greenfield.com](http://www.greenfield.com)



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GMP compliance: This product is processed and packaged in compliance with excipient Good Manufacturing Practices.

Other Certification Statements are available on request.

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.