



PRODUCT SPECIFICATIONS SHEET

Product Name	Ethyl Alcohol 20% made with Water for Injection (WFI)
Catalog #	Grain Derived Ethanol 111000040

TEST	MONO-GRAPH	SPECIFICATION	TYPICAL RESULT
Assay (v/v)	Internal	19.0 % – 21.0 %	20.03 %
Assay (wt/wt)	Internal	15.5 - 17.0%	16.29 %
Specific Gravity	Internal	0.9749 - 0.9769 @ 15.56°C	0.9759
Specific Gravity	Internal	0.9747 - 0.9757 @ 20.00°C	0.9752
Acidity	Internal	To Pass Test	Pass
Appearance	Internal	Clear liquid, free from sediment	Pass
Color (Pt-Co)	Internal	10 max.	1
Odor	Internal	Characteristic	Pass
Bioburden – Plate Count	Internal	≤ 10 CFU/100 mL	LT 10 CFU/100 mL
Bioburden – Yeast & Mold	Internal	≤ 10 CFU/100 mL	LT 10 CFU/100 mL
Bacterial Endotoxins	Internal	≤ 19.2 EU/mL	LT 0.15 EU/mL

This product is made with USP Grade Ethyl Alcohol and USP grade Water for Injection.

This product is for further commercial manufacturing, laboratory, or research use, and may be used as a process solvent for pharmaceutical purposes. This product is not intended for use as a direct human or veterinary parenteral administration. This product is not intended for use as a sterile or potable product. 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.