

**PRODUCT SPECIFICATIONS SHEET
ETHYL ALCOHOL 20% (40 PROOF)**

Catalog Number: 111000040-Size Code*

Recommended Retest Date for all Chemical Components: Three Years from Date of Manufacture

◆ Recommended retest date for microbiological specifications is twelve months from date of manufacture

Made with “USP Injection Grade Water”*

Available in the following sizes:

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

TEST	SPECIFICATION	TYPICAL RESULT
Assay	19.0 – 21.0% v/v	20.01%
Assay	15.5 – 17.0% wt/wt	16.48%
Specific Gravity (USP)	0.9749 – 0.9769 @ 15.56 C	0.9759
Specific Gravity (USP)	0.9747 – 0.9757 @ 20.00 C	0.9752
Acidity (USP)	To Pass Test	Pass
Appearance	Clear liquid, free from sediment	Pass
Color (Pt-Co) (ACS)	10 max.	<10
Odor	Characteristic	Pass
Bacterial Endotoxins (USP) ◆	≤ 19.2 EU/mL	0.24 EU/mL
Bioburden – Yeast & Mold (USP) ◆	≤ 10 CFU/100 mL	<5 CFU/100mL
Bioburden – Plate Count (USP) ◆	≤ 10 CFU/100 mL	<5 CFU/100mL

Form: Ethanol 40 proof, Pure, rev. 1.6, 9/08, DTH

*This product is made with USP Injection Grade water. Pharmco is not certifying the finished product as injection grade. The suitability of the finished product for injection purposes is the sole responsibility of the end user.

E. Frenkel, Director of Quality Control

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 3.5, 11/06, EF)



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