PRODUCT SPECIFICATIONS SHEET

Product Name   Ethyl Alcohol 100% (200 Proof) Absolute Grain
Grade   FCC Grade
Catalog #   111FCC200

TEST	MONO-GRAPH	SPECIFICATION	TYPICAL RESULT	UNITS
Assay (by specific gravity@25°C)	FCC	NLT 94.9%	99.98	%
Specific Gravity	FCC	Not more than 0.8161 @ 15.56°C	0.7937	N/A
Specific Gravity	FCC	Not more than 0.8096 @ 25.0°C	0.7872	N/A
Proof	27CFR 30.23	Lot Analysis	200.0	N/A
Acidity (as acetic acid)	FCC	NMT 0.5 mL of 0.02N sodium hydroxide is required to restore the pink color. (NMT 0.003%)	Pass	N/A
Alkalinity (as NH3)	FCC	NMT 0.2 mL of 0.02N sulfuric acid is required to restore the red color. (NMT 3 mg/kg)	Pass	N/A
Organic Impurities - Fusel Oil	FCC	No foreign odor is perceptible when the last traces of alcohol leave the paper.	Pass	N/A
Identification by Infrared Absorption	FCC	Conforms to IR Spectra	Pass	N/A
Organic Impurities - Ketones, Isopropyl Alcohol	FCC	No precipitate forms within 3 min.	Pass	N/A
Inorganic Impurities - Lead	FCC	NMT 0.5 mg/kg	LT 0.5 mg/kg	N/A
Organic Impurities - Methanol	FCC	200 ppm max.	0	ppm
Nonvolatile Residue	FCC	NMT 0.003%	0.000	%
Organic Impurities - Any other single impurity	FCC	1000 ppm max.	2	ppm
Solubility in Water	FCC	No haze or turbidity develops	Pass	N/A
Organic Impurities - Substances Darkened by Sulfuric Acid	FCC	The mixture is colorless or has no more color than either the	Pass	N/A

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TEST	MONO-GRAPH	SPECIFICATION	TYPICAL RESULT	UNITS
		acid or the sample before mixing.		
Organic Impurities - Substances Reducing Permanganate	FCC	The pink color does not entirely disappear.	Pass	N/A
Organic Impurities - Sum of all impurities	FCC	5000 ppm max.	0	ppm

This product is for further commercial manufacturing, laboratory, or research use, and may be used as 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.