



Product Specification Sheet
Ethyl Alcohol, 95% (V/V)
Grain Derived Ethanol
Meets FCC GRADE Monographs

Recommended Retest Date: Three Years from Date of Manufacture
 Product Code # 111FCC190

Available in the following sizes:

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

We hereby certify that each Lot conforms to or exceeds the following FCC specifications:

TEST	SPECIFICATION	TYPICAL RESULTS
Assay	NLT 94.9%	95.01%
Specific Gravity @ 25C	NMT 0.8096	0.8092
Specific Gravity @ 15.56C	NMT 0.8161	0.8158
Appearance	Clear, colorless, mobile liquid	Pass
Odor	Typical neutral grain spirit	Pass
Acidity (as acetic acid, wt %)	< 0.003%	<0.001%
Alkalinity (as NH3)	< 3 mg/Kg	<1 mg/Kg
Fusel Oil	To pass test	Pass
Ketones, Isopropanol	To pass test	Pass
Lead	NMT 0.5mg/Kg	<0.05mg/Kg
Methanol	To pass	Pass
Non-volatile Residue	<0.003%	<0.001%
Solubility in Water	To pass test	Pass
Substances Darkened by H2SO4	To pass test	Pass
Substances Reducing Permanganate	To pass test	Pass
Flash Point, Tag Closed Cup	60F, 16C	Conforms
Refractive Index @ 20 C	1.362-1.366	1.364

Form: Ethanol, 190,FCC, #901, Rev. 2.9, 06/16, KAD

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.