



**PRODUCT SPECIFICATION SHEET
ORGANIC CORN ALCOHOL
190 PROOF**

MEETS FCC GRADE MONOGRAPH

Certified Organic by OREGON TILTH

Catalog Number: # 111ORCORN190-Size Code*

*Individual package sizes have unique size codes

This product is certified compliant with USDA NOP, ACB/EU Equivalency, US/Canada Equivalency, USDA/MAFF Export regulations. This product is GMO-Free and Gluten Free.

TEST	SPECIFICATION	TYPICAL RESULTS
Assay (by specific gravity@25°C)	NLT 94.9%	95.01%
Proof	Lot Analysis	190.0
Identification (Infrared Spectra)	Conforms to IR Spectra	Pass
Specific Gravity	Not more than 0.8096 @ 25.0°C	0.8092
Specific Gravity	Not more than 0.8161 @ 15.56°C	0.8158
Solubility in Water	No haze or turbidity develops	Pass
Acidity (as acetic acid)	NMT 0.003%	Pass
Alkalinity (as NH3)	NMT 3 mg/kg	Pass
Organic Impurities - Fusel Oil	To Pass Test	Pass
Organic Impurities – Ketones, Isopropyl Alcohol	To Pass Test	Pass
Organic Impurities - Methanol	To Pass Test	Pass
Organic Impurities – Substances Darkened by Sulfuric Acid	To Pass Test	Pass
Organic Impurities – Substances Reducing Permanganate	To Pass Test	Pass
Inorganic Impurities - Lead	NMT 0.5 mg/kg	Pass
Organic Impurities – Methanol and Other Volatile Impurities	Methanol 200 ppm max. Any other single impurity 1000 ppm max. Sum of all impurities 5000 ppm max.	<5 ppm <1 ppm <20 ppm
Nonvolatile Residue	NMT 0.003%	<0.001%

Form: Ethanol, 190, Organic Corn, FCC, Rev. 1.1, 10/20, 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.