



Product Specifications Sheet
ORGANIC WHEAT ALCOHOL
Meets FCC / USP GRADE Monographs
 (Neutral Spirits)

Main Catalog #: 111ORWHEAT1900, 111ORWHEAT1928, 111ORWHEAT1932,
 111ORWHEAT1930-Size Code

Available in the following sizes:

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

This product meets or exceeds all specifications as set forth in the current USP / FCC monographs. 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	MONO GRAPH	SPECIFICATION	TYPICAL RESULTS
Assay (v/v)	FCC	NLT 94.9%	96.0%
Proof	27CFR 30.23	Lot Analysis (minimum 190.0)	192.0
Specific Gravity	FCC	Not more than 0.8161 @ 15.56°C	Pass
Specific Gravity	FCC	Not more than 0.8096 @ 25.0°C	Pass
Identification	USP	Conforms to Infrared Spectra	Pass
Appearance	FCC	Clear, colorless, mobile liquid	Pass
Odor	FCC	Clear, colorless, mobile liquid	Pass
Clarity of Solution	USP	Sample Solution A & B show same clarity as that of water, or their opalescence is not more pronounced than that of Standard suspension A	Pass
Color of Solution	USP	The Sample solution has the appearance of water or is not more intensely colored than the Standard solution	Pass
Solubility in Water	FCC	To Pass Test	Pass
Nonvolatile Residue	FCC	NMT 0.003%	<0.001%
Limit of Nonvolatile Residue	USP	The weight of the residue does not exceed 2.5mg	<1.0mg
Ketones / Isopropyl Alcohol	FCC	To Pass Test	Pass
Methanol	FCC	To Pass Test	Pass
Lead	FCC	No more than 0.5 mg/kg	<0.5 mg/kg
Fusel Oil	FCC	To Pass Test	Pass
Acidity	FCC	NMT 0.003%	<0.001%
Alkalinity	FCC	NMT 3mg/kg	<1 mg/kg
Acidity or Alkalinity	USP	The solution is pink (30ppm, expressed as acetic acid)	Pass
Substances Darkened by Sulfuric Acid	FCC	To Pass Test	Pass
Substances Reducing Permanganate	FCC	To Pass Test	Pass
Organic Impurities	USP	Methanol 200 ppm Acetaldehyde and Acetal 10ppm max Benzene 2ppm max. Sum of all other impurities 300ppm max.	<5ppm <1ppm <1ppm <30ppm

Derived from Wheat

Form: Ethanol, Organic Wheat, Rev 1.8 06/16, KAD
 Country of Origin: Italy

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.