

Ethyl Alcohol 96% (192 Proof)

Neutral Spirits

Grain Derived

Catalog number: 111000192

Test	Mono-graph	Specification	Typical Result
Identification by Infrared Absorption	Internal	Conforms to IR Spectra	Pass
Assay (by specific gravity@25°C)	Internal	NLT 94.9%	96.01 %
Proof	27CFR 30.23	Lot Analysis	192.0
Specific Gravity	Internal	Not more than 0.8161 @ 15.56°C	0.8118
Specific Gravity	Internal	Not more than 0.8096 @ 25.0°C	0.8055
Inorganic Impurities - Lead	Internal	NMT 0.5 mg/kg	LT 0.5 mg/kg
Organic Impurities - Fusel Oil	Internal	No foreign odor is perceptible when the last traces of alcohol leave the paper.	Pass
Organic Impurities - Ketones, Isopropyl Alcohol	Internal	No precipitate forms within 3 min.	Pass
Organic Impurities - Methanol	Internal	200 ppm max.	0 ppm
Organic Impurities - Any other single impurity	Internal	1000 ppm max.	2 ppm
Organic Impurities - Sum of all impurities	Internal	5000 ppm max.	0 ppm
Organic Impurities - Substances Darkened by Sulfuric Acid	Internal	The mixture is colorless or has no more color than either the acid or the sample before mixing.	Pass
Organic Impurities - Substances Reducing Permanganate	Internal	The pink color does not entirely disappear.	Pass
Acidity (as acetic acid)	Internal	NMT 0.5 mL of 0.02N sodium hydroxide is required to restore the pink color. (NMT 0.003%)	Pass

Test	Mono-graph	Specification	Typical Result
Alkalinity (as NH3)	Internal	NMT 0.2 mL of 0.02N sulfuric acid is required to restore the red color. (NMT 3 mg/kg)	Pass
Nonvolatile Residue	Internal	NMT 0.003%	0.000 %
Solubility in Water	Internal	No haze or turbidity develops	Pass

Certification and Compliance Statements

This product complies with all above mentioned specifications.

This product is not derived, nor does it come in contact with, any materials derived from bovine or other animal sources.

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