

SDA 29 190 Proof

**Specially Denatured Alcohol Formula
(Ethanol Denatured with Ethyl Acetate)**

Grain Derived Ethanol

Catalog number: 12329 190

Test	Specification	Typical Result
Ethanol (190 Proof)	99.01% (v/v) +/- 0.50%	99.01%
Ethyl Acetate	0.99% (v/v) +/- 0.050%	0.99%
Apparent Specific Gravity	0.8128 – 0.8140 @ 20.0°C	0.8135
Color (Pt-Co)	10 Max.	LT 10
Odor	Characteristic	Pass
Acidity (as acetic acid)	NMT 0.0025% (wt/wt)	LT 0.0025%

TTB Authorized Uses:

As a raw material: Vinegar; acetic acid; ethyl acetate; ethyl chloride; other ethyl esters; ethylamines; dyes and intermediates; acetaldehyde; other aldehydes; ethyl ether; other ethers; ethylene dibromide; ethylene gas; xanthates; drugs and medicinal chemicals; other chemicals; synthetic rubber; synthetic resins.

Miscellaneous uses: Product development and pilot plant uses (own use only).

Certification and Compliance Statements

This product complies with all of the above mentioned specifications and the requirements of 27 CFR Part 21.

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

Greenfield products are for further commercial manufacturing, laboratory use, or research. Greenfield is not registered with the United States Food and Drug Administration (FDA) as a drug manufacturing facility. Greenfield products are not registered with the FDA as active pharmaceutical ingredients in drug manufacturing.

Appropriate/legal use of all products are the responsibility of the user and subject to applicable local laws and regulations.