

**Reagent Ethanol 200 Proof, Anhydrous**  
**Ethanol Denatured with Methanol and Isopropanol**  
**(Specially Denatured Alcohol SDA 3A with Isopropyl Alcohol)**

**Grain Derived Ethanol**

**Grade:** ACS

**Catalog number:** 241000200

Test	Mono-graph	Specification	Typical Result
Ethanol	ACS	89.5 – 91.5%	90.69 %
Isopropanol	ACS	4.5 – 5.5%	5.00 %
Methanol	ACS	4.0 – 5.0%	4.31 %
SDA 3A 200	ACS	94.0 – 96.0%	95.00 %
Water	ACS	0.20% max.	0.03 %
Specific Gravity	ACS	0.7902 – 0.7912 @ 20.0°C	0.7903
Appearance	Internal	Clear, Free of Suspended Matter	Pass
Color (Pt-Co)	Internal	10 Max.	LT 10
Odor	Internal	Characteristic	Pass
Identification	ACS	To Pass Test	Pass
Residue after Evaporation	ACS	10ppm max.	LT 10 ppm
Substances Reducing KMnO <sub>4</sub>	ACS	To Pass Test	Pass
Titration Acid	ACS	0.0003 meq/g	LT 0.0003 meq/g
Titration Base	ACS	0.0002 meq/g	LT 0.0002 meq/g
Solubility in Water	ACS	To Pass Test	Pass
Refractive Index	ACS	1.3580 – 1.3610 @ 25°C	1.3587

### **Certification and Compliance Statements**

This product complies with the American Chemical Society monograph, all of the above mentioned specifications and the requirements of 27 CFR Part 20.

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.