

CDA 12A-1 200 Proof

**Completely Denatured Alcohol Formula
(Ethanol Denatured with n-Heptane)**

Grain Derived Ethanol

Catalog number: 12312A1200

Test	Specification	Typical Result
Ethanol (200 Proof)	95.24% (v/v) +/- 0.48%	95.45 %
Heptane	4.76% (v/v) +/- 0.24%	4.55 %
Water Content	0.2% (wt/wt) max.	0.03 %
Apparent Specific Gravity	0.787 – 0.791 @ 15.56°C	0.788
Appearance	Clear colorless liquid	Pass
Color (Pt-Co)	10 Max.	LT 10
Odor	Characteristic	Pass
Acetaldehyde and Acetal	10 ppm max.	0 ppm
Acetone	20 ppm max.	0 ppm
Benzene	2 ppm max.	0 ppm
Isopropyl Alcohol	20 ppm max.	2 ppm
Methanol	20 ppm max.	1 ppm
Toluene	2 ppm max.	0 ppm
Sulfur Compounds (as S)	0.0050% max.	0.0000 %
Heavy Metals (as Pb)	0.5 mg/kg max.	LT 0.5 mg/kg
Sum of all other impurities	50 ppm max.	0 ppm

Test	Specification	Typical Result
Residue on Evaporation	0.001% max.	0.000 %
Titration Acid	0.0005 meq/g max.	0.0001 meq/g
Titration Base	0.0002 meq/g max.	0.0001 meq/g

Certification and Compliance Statements

This product complies with all abovementioned specifications. Certain test data supplied by third parties.

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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