

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

HPLC Grade

Grain Derived Ethanol

Grade: ACS

Catalog number: 241HPLC200

Test	Mono-graph	Specification	Typical Result
Ethanol	ACS	89.5 – 91.5%	90.42 %
Isopropanol	ACS	4.5 – 5.5%	5.06 %
Methanol	ACS	4.0 – 5.0%	4.52 %
SDA3A 200	ACS	94.0 – 96.0%	94.94 %
Specific Gravity	ACS	0.7902 - 0.7912 @ 20.0°C	0.7903
Specific Gravity	ACS	0.785 - 0.795 @ 25.0°C	0.787
Appearance	Internal	Clear, Free of Suspended Matter	Pass
Color (Pt-Co)	Internal	NMT 5	LT 5
Odor	Internal	Characteristic	Pass
Identification	ACS	To Pass Test	Pass
Residue After Evaporation	ACS	5ppm max.	LT 5 ppm
Substances Reducing KMnO4	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

Test	Mono-graph	Specification	Typical Result
Refractive Index	ACS	1.3580-1.3610 @ 25°C	1.3584
UV Absorbance	Internal	NMT 1.00 at 205 nm	0.59
UV Absorbance	Internal	NMT 0.60 at 210 nm	0.27
UV Absorbance	Internal	NMT 0.30 at 220 nm	0.13
UV Absorbance	Internal	NMT 0.20 at 230 nm	0.07
UV Absorbance	Internal	NMT 0.05 at 250 nm	0.01
UV Absorbance	Internal	NMT 0.01 at 270 nm	0.00
UV Absorbance	Internal	NMT 0.01 at 400 nm	0.00

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.

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