

Product Specification

Ethanol, Grain derived, 190 Proof

Lot Number: SAMPLE

Product Number: RSOE0010

Manufacture Date: N/A

Recommended Retest Date: N/A

Name	CAS#	Grade
Ethyl Alcohol	64-17-5	USP
Water	7732-18-5	USP

Test	Specification	Result	NIST SRM#
Acidity (as Acetic Acid)	max 0.003	N/A	
Alkalinity (as NH ₃)	max 3	N/A	
Assay	min 94.9 % (v/v)	N/A	
Fusel Oil	To Pass Test	N/A	
IR Identification	To Pass Test	N/A	
Ketones/Isopropanol	To Pass Test	N/A	
Lead (Pb)	max 0.50 mg/Kg	N/A	3128
Methanol	< 200	N/A	
Nonvolatile Residue	max 0.003 %	N/A	
Organic Impurities (Other)	< 1000	N/A	
Organic Impurities (Sum)	< 5000	N/A	
Solubility in Water	To Pass Test	N/A	
Specific Gravity @ 15.56°C	max 0.8161	N/A	
Specific Gravity @ 25.0°C	max 0.8096	N/A	
Substances Darkened by Sulfuric Acid	To Pass Test	N/A	
Substances Reducing Permanganate	To Pass Test	N/A	

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
RSOE0010-55E	55 gal poly drum	36 months
RSOE0010-5E4	5 gal metal drum	36 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)

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