



PRODUCT SPECIFICATION SHEET
REAGENT ALCOHOL / 190 PROOF
 (ETHANOL DENATURED WITH METHANOL AND ISOPROPANOL)

Grain Derived Ethanol

Catalog # / Product Code: 241000190-Size Code*

Available in the following sizes:

*Refer to the Master Price List – Individual package sizes have unique size codes

TEST	SPECIFICATION	TYPICAL RESULT
Assay (by GC)	89.5-91.5% 190 proof Ethanol 4.0-5.0% Methanol 4.5-5.5% IPA	90.2% 190 proof Ethanol 4.8% Methanol 5.0% IPA
Assay: Methanol and Ethyl Alcohol (SDA 3A 190 proof) (v/v) Isopropyl Alcohol (2-Propanol) (v/v)	94.0 – 96.0% 4.0 – 6.0%	95.18 % 4.82 %
Specific Gravity @ 20°C	0.810-0.812	0.810
Apparent Proof @ 20°C	Lot Analysis	191.3
Acidity	To Pass	Pass
Color (Pt-Co)	NMT 10	<10
Odor	Characteristic	Pass

Form: Reagent Alcohol, 190, #101, Revision 4.5, 08/15, KD

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.