



Denatured 190 Proof Alcohol Product Specification



(DNS – 190) Denatured Ethyl Alcohol 190 Proof Product Specification

PRODUCT CHARACTERISTICS (DNS – 190):

Product Identification Number	DNS - 190		
	Specification	Method	Typical Result
Visual Appearance	Clear & Bright	-	Pass
Proof	189.8 - 192.0	D1298	191.0
Ethanol % vol	94.9 - 96%	GCFID	95%
Specific Gravity	.80 - .816	D4042	.810
Acidity % mass	<i>less than .05</i>	D1613	.03
Methanol, ppm	<i>less than 630</i>	GC FID	70
Acetaldehyde & Acetal, ppm	<i>less than 50</i>	GC FID	35
Benzene, ppm	<i>less than 2</i>	GC FID	not present
Sum of Other Impurities, ppm	<i>less than 300</i>	GC FID	1000
Denaturant - Denatonium benzoate	0.47g/100L	-	-

GENERAL DESCRIPTION:

All alcohol/ethanol is derived from corn.

PACKAGING INFORMATION:

Currently available in bulk rail, bulk truck, totes and drums.

FORMULATION:

27 CFR 21.76 Formula No. 40-B
Formulas for Denatured alcohol:
Ethanol 190 proof – 100 gallons
Denatonium benzoate (Bitrex) – 1/16 dry ounce



Note: Please email alcohol@didionmilling.com to directly request product specifications for 200-proof alcohol.