



# USP Grade Alcohol

## 190 Proof - Product Specification

### USP Grade Alcohol - Denatured Ethyl Alcohol 190 Proof Product Specification

#### PRODUCT CHARACTERISTICS (USP DNS-190):

Product Identification Number	USP DNS-190		
	Specification	Method	"Typical" Result
Visual Appearance	Clear & Bright	TM01-36	Pass
Ethanol purity, vol %	94.9 - 96%	GC2232	95.4%
Specific Gravity	0.812-0.816	TM01-03	.814
Acidity as Acetic Acid, ppm	30 max	TM01-04	10
Methanol, ppm	200 max	GC2232	25
Acetaldehyde & Acetal, ppm	10 max	GC2232	8
Benzene, ppm	2 max	GCMS	0
Sum of all Impurities, ppm	300 max	GC2232	20
UV Absorbance	-	-	-
Abs @ 240nm	0.40 max	TM12-06	.16
Abs @ 250-260nm	0.30 max	TM12-06	.07
Abs @ 270-340nm	0.10 max	TM12-06	.02
Abs Curve Smoothness	Pass	TM12-06	Pass
Denaturant - Denatonium benzoate	6ppm	-	Added

#### GENERAL DESCRIPTION:

All alcohol is derived from Wisconsin corn.

#### PACKAGING INFORMATION:

Currently available in bulk rail and bulk truck.



**Note:** Please email [alcohol@didionmilling.com](mailto:alcohol@didionmilling.com) if you have any questions regarding the specs above.