



Signature Spirits USA is the beverage division of Ultra Pure, LLC, a global supplier of alcohol products.

Why consider Signature Spirits as a supplier?

- Special order, or non-stock products, are custom quoted in price as well as delivery time.
- All products are tested against published specification sheets.
- Sales are "Transfer in Bond" transactions. TTB paperwork and shipping are handled by Ultra Pure, LLC.

Signature Spirits

c/o Ultra Pure, LLC
50 Old Kings Highway North
Darien, CT 06820

Phone: 877-778-5872
Fax: 877-948-5872
www.ultrapure-usa.com
www.signaturespirits.nl

Beverage Division Contacts:
nielsv@ultrapure-usa.com
chip@ultrapure-usa.com
alyssa@ultrapure-usa.com
robert@ultrapure-usa.com
jennifer@ultrapure-usa.com

SIGNATURE SPIRITS

Product Specification Sheet

190 Proof Non-GMO Sugar Cane Alcohol (Brazil)

<u>Property</u>	<u>Method</u>	<u>Units</u>	<u>Specification</u>
Chemical Composition			
Ethanol	AOAC	Vol %	95.0-96.5
Higher alcohols	GLC	Ppm	5 max
Aldehydes	GLC	Ppm	5 max
Iso-Propanol	GLC	Ppm	5 max
Methanol	GLC	Ppm	10 max
Esters	GLC	Ppm	5 max
Acidity as Acetic Acid	ASTM D1613	Ppm	10 max
Benzene	UV*		Negative
Cyclo-hexane	GLC		Negative
Glycerine	UV*		Negative
Furfural	UV*		Negative
Sulphur	ASTM D3120 M		Negative
Alkalinity	ASTM D1614		Negative
Physical Properties			
Density @ 60°F	ASTM D4052	Kg/l	0.816 max
Residue on evaporation	ASTM D1353	Ppm	10 max
Permanganate time, @60°F	ASTM D1363	Minutes	40 min
Water miscibility	ASTM D1722		Complete
Color	ASTM D1209	Apha	5 max
Aspect	Visual		Clear & exempt from material in suspension

*The absorbance at 220, 230, 240, 270, and 300nm shall not exceed 0.20, 0.10, 0.05, 0.02, and 0.01 respectively.