

CERTIFICATE OF ANALYSIS

CUSTOMER	Sample	PRODUCT	Grain Neutral Spirits 200 Proof
PO NUMBER	Sample	LOT NUMBER	060326815

ANALYTICAL RESULTS

TEST	RESULT	SPECIFICATION	METHOD
Water (wt%)	0.01	$\leq 0.1\%$	ASTM E-1064
Proof	199.9	≥ 199.8	ASTM D-4052
Specific Gravity 60°F	0.7939	≤ 0.7949	ASTM D-4052
% Ethanol by weight	99.96	≥ 99.8	ASTM D-4052
Clarity of Solution*	Pass	Pass	USP
Color, Pt-Co*	3	≤ 5	Visual
Appearance	Clear	Clear	Visual
Color of Solution*	Pass	Pass	USP
Odor	Clean; neutral	Clean; neutral	Organoleptic
Nonvolatile Matter, g/100mL*	0.0012	≤ 0.0025	USP
Acidity	0.0015	≤ 0.0025	ASTM D-1613
Ultraviolet Absorbance	0.19	NMT 0.4 at 240 nm	USP
	0.071	NMT 0.3 between 250 and 260 nm	USP
	0	NMT 0.1 between 270 and 340 nm	USP
Acetaldehyde	0	≤ 2 ppm	GC-FID
Methanol, ppm	0	≤ 1 ppm	GC-FID
Esters (as Ethyl Acetate)	0	≤ 1 ppm	GC-FID
Propanols, ppm	0	≤ 1 ppm	GC-FID
Benzene	0	Non-Detect	GC-FID
Sum of all other impurities	0	≤ 5 ppm	GC-FID
Permanganate Time, min.*	≥ 30 minutes	≥ 30 minutes	USP

* Source notes that these tests are not run on each batch of material.

Source manufacturer: Golden Triangle | Date of manufacture and source approval: 06/03/2026

Source states this product meets the current USP and Food Chemicals Codex requirements and is Kosher certified.