

CONESTOGA

Grain Neutral Spirit Specification that Exceeds USP Requirements

PARAMETER	SPECIFICATION	METHOD
Proof @ 15.56 C	190.0 minimum	ASTM D 4052
Ethanol, % v/v	95.0% minimum	ASTM D 4052
Appearance/Color	Clear Bright 10 platinum cobalt max	Visual ASTM D 1209
Acidity (as acetic acid)	15 ppm maximum	ASTM D 1613
Aldehydes (as acetaldehyde)	2 ppm maximum	G.C.
Esters (as ethyl acetate)	2 ppm maximum	G.C.
Methanol	5 ppm maximum	G.C.
Propanol	2 ppm maximum	G.C.
Higher Alcohols (Iso-propanol, I-Butanol, N-Butanol, Iso-Amyl Alcohol)	5 ppm maximum	G.C.
Hydrocarbons	Absent	G.C.
Permanganent Time	40 mins	ASTM D 1363-88
Non-Volatile Matter	1.5mg/L maximum	ASTM D 1353

*This specification surpasses the requirements for "alcohol" in the 23rd edition of the U.S. Pharmacopeia (USP). IT also surpasses the requirements for "ethyl alcohol" of the Food Chemicals Codes (F.C.C. IV).