



Certificate of Analysis
190 PROOF ORGANIC WHEAT ETHYL ALCOHOL

Chemical Tests	Specification	Result
Alcoholometric Title	94.9-95.1 % v/v min.	95 % v/v
Moisture		5 % v/v
Density		0.8137 g/ml
Refractive index (20° C)	Method NGD C31: 1976	1.39
Specific Gravity		0.80134
Total Acidity (Acetic Acid)	1.5 g/HI max.	0.49 g/HI
Esters (Ethyl Acetate)	1.3 g/HI max.	<0.1 g/HI
Aldehydes (Acetaldehydes)	0.5 g/HI max.	<0.1 g/HI
Acetal		<0.1 g/HI
High boiling alcohol (in IPA)	0.5 g/HI max.	<0.1 g/HI
Methyl Alcohol	50 g/HI max.	<0.2 g/HI
Benzene		<0.1 g/HI
Absorbance @ 240 nm		0.012 nm
@ 250-260 nm		0.005 nm
@ 270-340 nm		0 nm
Dry Extracts	1.5 g/HI max.	0.2 g/HI
Furfural	Not traceable	Not traceable
Potassium permanganate		25 minutes

This document has been electronically generated and is therefore not signed

Tel: (877) 77-ULTRA, Fax: (877) 94-ULTRA

Email: info@ultrapure-usa.com

www.ultrapure-usa.com