



Organic Certified 96% Alcohol Specifications

Parameters	Units / Measure	Results
Specific Gravity		.08125 - .8200
Grade of Alcohol	GL @ 20 degrees Celsius	>96%
Appearance		Clean and clear liquid free of any suspended particulate
Odor		Typical of Ethanol Alcohol
Total Acidity	g/100ml	3.0
Solubility	Soluble in water	Pass / Soluble in Water
Non-volatile residue	not more than 2mg/100ml	<2mg
Alkalinity	Not more than 0.003% as ammonia	Negative
Fusel Oils	No foreign odour is perceptible when the last trace of ethanol leaves the paper	Pass
Ketones and Other Alcohols	Total: not more than 0.5%	
Methanol	Not more than 0.02%	< 200ppm
Readily Carbonizable Substance	mixture is colourless or has no more colour than either the acid or sample before mixing	pass
Lead	Not more than 0.5mg/kg	
Aldehydes		6g/100ml
Superior Alcohols		6g/100,ml
Water Content	<4%	pass
Toluene	<1.0ppm	<1ppm
Benzene	<10ppb	1.8ppm
Acetaldehyde	<1.0ppm	
Other Volatile Impurities	<10ppm	.8ppm
UV Absorption	<.40 at 240 nm, <.30 between 250 nm and 260nm, <.10 between 270 nm and 340 nm with a smooth curve	Conforms

David Schroeder, Master Distiller