COMMERCIAL ALCOHOLS
by Greenfield Global

Quality Department - Product Specification

DENATURED ETHYL ALCOHOL SDAG-13 Anhydrous (Ethyl Acetate)

Measure Description	Method Description	Specification
Density (in air), Kg/L, at 20°C	Methods specified in the Revenue Canada Customs & Excise Alcoholometric Tables	0.7898 max.
Ethyl Alcohol Content, v/v%	Calculation	98.80 min.
Ethyl Acetate Content, v/v%	GC Analysis	1.00 +/- 0.10
Water Content, v/v%	Karl Fischer Titration	0.140 max.
Acids as Acetic Acid, g/100mL	Current ASTM D1613	0.002 max.
Colour, APHA	In-house Method	4 max.
Miscibility with Water	Visual	Complete

Comments:

Composition:
100 litres anhydrous ethyl alcohol 99.9% vol. min.
1.0 +/- 0.1 litres ethyl acetate
The formulation of this product is in full conformity with the US Alcohol, Tobacco and Firearms Code of Federal Regulations pertaining to specially Denatured Alcohol Formula No. 29

Specification for ethyl alcohol used in the formulation of the product:
Acids as Acetic Acid - 0.0020g/100mL max.
Esters as Ethyl Acetate - 0.0015g/100mL max.
Aldehydes as Acetaldehyde - 0.0007g/100mL max.
Higher Alcohols - 0.0040g/100mL max.
Nonvolatile Residue - 0.0020g/100mL max.

Specification:	QCSPEC #: QSPEC000073, Version #: QV000000, Approver: KAITLIN.SMITH, Effective Date: 16-Sep-2019