

Quality Department - Product Specification

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Page: 1 of 1

DENATURED ETHYL ALCOHOL SDAG-9 Anhydrous

Measure Description	Method Description	Specification
Density (in air), Kg/L, at 20°C	Methods specified in the Revenue Canada Customs & Excise Alcoholometric Tables	0.7885 max.
Ethyl Alcohol Content, v/v%	Calculation	94.80 min.
Isopropanol Content, v/v%	GC Analysis	4.76 +/- 0.40
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.
5 +/- 0.5 litres isopropyl alcohol

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 #: QSPEC000067, Version #: QV000000, Approver: KAITLIN.SMITH, Effective Date: 16-Sep-2019