

Quality Department - Product Specification

Date Printed: 16/09/2019 8:48:43 AM

Page: 1 of 1

Brampton - DENATURED ETHYL ALCOHOL SDAG-6 Anhydrous

Measure Description	Method Description	Specification
Density (in air), Kg/L, at 20°C	Methods specified in the Revenue Canada Customs & Excise Alcoholometric Tables	0.7886 max.
Tertiary Butanol Content, v/v%	GC Analysis	0.100 +/- 0.020
Ethyl Alcohol Content, v/v%	Calculation	99.78 min.
Water Content, v/v%	Karl Fischer Titration	0.100 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.
 0.1 +/- 0.02 litres tert-butyl alcohol
 1.0 +/- 0.02 grams denatonium benzoate NF

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 #: QSPEC000059, Version #: QV000000, Approver: KAITLIN.SMITH, Effective Date: 16-Sep-2019