

TIQ-F-QC-003
Rev.00**Technical Data Sheet****ALCOHOL 96% v/v TECHICAL GRADE**

Product Code	B-3099	Grade	Analytical Reagent
Purity	96 %	CAS No	Not applicable
Molecular Formula	Not applicable	Molecular Weight	Not applicable
H.S.Code	2905.1100	Shelf Life	60 Months

Physical Properties

Physical state	Liquid	Melting point	-98 °C
Boiling point	64,7 °C	Flash point	9,7 °C
Relative density	0,791 g/mL at 25 °C	Vapour pressure	169,27 hPa at 25 °C
Vapour density	1,11	Partition coefficient: noctanol/water	log Pow: -0,77
Auto ignition temperature	455,0 °C at 1.013 hPa	Upper explosion limit	44 %(V)
Solubility in water	1.000 g/l at 20 °C	Lower explosion limit	5,5 %(V)

Packaging

20 L

Specification

Appearance	Clear and colourless liquid
Colour	max 10 APHA
Specific Gravity at 20 °C	0.7980 - 0.8124
Alcohol Content (by alcoholmeter)	min 96.0 v/v %
Acidity (as CH ₃ COOH)	max 15 ppm
Aldehyde (as acetaldehyde) (by GC)	max 4 ppm
Permanganate time @15 °C	min 30 minute
Residu after evaporation	max 20 ppm

Safety Information and Hazard Symbols

Symbol: GHS02, GHS06, GHS08

Signal Word: Danger

UN No.: 1230

IMCO Class No.: 3,6,1

Packing Group: II

Hazardous Statement: H225-H301+H311+H331-H370

Precaution Statement: P210-P260-P280-P301+P310+P330-P308+P311-P370+P378-P403+P223

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