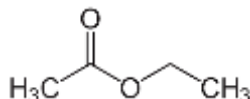


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

ETHYL ACETATE 99,5 % AR

Ethyl ethanoate, Acetic ester, Ethyl ester



Product Code	B-3034	Grade	Analytical Reagent
Purity	99,5%	CAS No	141-78-6
Molecular Formula	CH ₃ COOC ₂ H ₅	Molecular Weight	88,11 g/mol
H.S.Code	2905.3100	Shelf Life	60 Months

Physical Properties

Physical state	Liquid	Melting point	84 °C
Colour	Colourless	Boiling point	76.5 - 77.5 °C
Solubility in water	Soluble	Partition coefficient: noctanol/water	log Pow: 0,73
Relative density	0.90 g/cm ³ at 20 °C	Vapour pressure	73.0 mmHg at 20.0 °C
Explosion limits-lower (%)	2,2 %	Flash point	-4 °C
Auto-ignition temperature	427,0 °C		

Packaging

500 ml & 2500 ml

Specification

Appearance	Clear colorless liquid
Assay (GC)	min 99.5 %
Wt. Per ml at 20 °C	0.900 – 0.903 g/cm ³
Colour	max 10 Hazen
Refractive Index (n _D ²⁰)	1.372 – 1.373
Water (H ₂ O)	max 0.05 %
Non-volatile matter	max 0.001 %
Acidity (CH ₃ COOH)	max 0.0009 meq/g
Methyl acetate (GC)	max 0.1 %
Ethanol (GC)	max 0.1 %
Methanol (GC)	max 0.1 %
Copper (Cu)	max 0.00005 %

Iron (Fe)	max 0.0001 %
Lead (Pb)	max 0.00005 %
Organic impurities	passes test
Substance darkened by H ₂ SO ₄	Passes test

Safety Information and Hazard Symbols



Symbol: GHS02, GHS07

Signal Word: Danger

UN No.: 1173

IMCO Class No.: 3

Packing Group: II

Hazardous Statement: H225-H319-H336

Precaution Statement: P210-P261-P305+P351+P338