



Product Specification

Product Name: ETHYL ACETATE AR

Alternate Name(s) Acetic acid ethyl ester; acetic ester; acetic ether; ethyl ethanoate; vinegar naphtha.

Description

Colourless liquid with a fragrant odour. Slowly decomposed by moisture, then acquires an acid reaction.

Properties

Chemical Formula:

Molecular Weight: 88.11

Product Code: EA011

CAS No. 141-78-6

General Information:

Immiscible with water. Highly flammable.

Hazard and Safety Data

UN Group: II
Class: 3
UN Number: 1173
Hazchem code: •3YE
CS MSDS Code: 1CH2Q
Poison schedule: Not Scheduled
Emergency Procedure Guide No.: 18

Quality Specification

Typical Assay: 99.5% min.

Specific Properties and Impurities [Typical levels]:

Specific Gravity	0.8945
Boiling Point	77°C
Colour (APHA)	≤ 10
Residue after evaporation	≤ 0.003%
Water (H ₂ O)	≤ 0.05%
Titration acid	≤ 0.0009 meq/g
Substances darkened by sulfuric acid	Passes test
Aluminium (Al)	≤ 0.0001%
Barium (Ba)	≤ 0.00001%
Boron (B)	≤ 0.0001%
Cadmium (Cd)	≤ 0.00001%
Calcium (Ca)	≤ 0.0005%
Chromium (Cr)	≤ 0.00001%
Cobalt (Co)	≤ 0.00001%
Copper (Cu)	≤ 0.00001%
Iron (Fe)	≤ 0.001%
Lead (Pb)	≤ 0.00001%
Magnesium (Mg)	≤ 0.0005%
Manganese (Mn)	≤ 0.00001%
Nickel (Ni)	≤ 0.00001%
Potassium (K)	≤ 0.001%
Sodium (Na)	≤ 0.002%
Strontium (Sr)	≤ 0.00001%

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Tin (Sn)	≤ 0.00001%
Zinc (Zn)	≤ 0.00001%

CONFORMS TO ACS

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