

Ethanol absolute

Chemical formula: C₂H₅OH

Molar mass: 46,07 g/mol

CAS: 64-17-5

EINECS: 200-578-6

A.G. (71250)

Appearance	clear colourless liquid
Assay	min. 99,8 %
Free acids (as CH ₃ COOH)	max. 0,004 %
Residue after evaporation	max. 0,002 %
Water	max. 0,2 %
Volatile impurities (GC)	max. 0,05 %
Substances reducing KMnO ₄ (as Oxygen)	max. 0,0005 %
Boiling point	78 - 79 °C
Density (20 °C)	0,789 - 0,792 g/cm ³

for UV (71380)

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Assay	min. 99,8 %
Free acids (as CH ₃ COOH)	max. 0,004 %
Residue after evaporation	max. 0,002 %
Water	max. 0,2 %
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Density (20 °C)	0,789 - 0,792 g/cm ³
Infrared spectrometry	passes test
UV absorption at 205 nm	max. 1,0
UV absorption at 210 nm	max. 0,65
UV absorption at 250 nm	max. 0,04
UV absorption at 300 nm	max. 0,01

Classification of the substance in accordance with Regulation (EC) No 1272/2008



Hazard statements: 319, 225

EUH statements:

Precautionary statements: 210, 233

Signal word: Danger

Specification

ADR/RID: 3 /F1 /II
UN 1170