

Acetone

Chemical formula: CH_3COCH_3

Molar mass: 58,08 g/mol

CAS: 67-64-1

EINECS: 200-662-2

A.G. (10060)

Appearance	clear colourless liquid
Assay	min. 99,5 %
Density (20 °C)	0,7890 - 0,7924 g/cm ³
Residue after evaporation	max. 0,001 %
Water	max. 0,3 %
Acidity (as CH_3COOH)	max. 0,003 %
Boiling point	55,5 - 56,5 °C
Color scale (APHA)	max. 10
Flash point	-19 °C

pure (10050)

Appearance	clear colourless liquid
Assay	min. 99,0 %
Density (20 °C)	0,790 - 0,792 g/cm ³
Residue after evaporation	max. 0,002 %
Water	max. 0,5 %
Acidity (as CH_3COOH)	max. 0,003 %
Flash point	-19 °C

ACS (10040)

Appearance	clear colourless liquid
Assay	min. 99,5 %
Color scale (APHA)	max. 10
Residue after evaporation	max. 0,001 %
Solubility	passes test
Free acids	max. 0,0003 meq/g
Free alkali	max. 0,0006 meq/g
Aldehyde (as HCHO)	max. 0,002 %
Isopropyl alcohol	max. 0,05 %
Methanol	max. 0,05 %
Substances reducing KMnO_4	passes test
Water	max. 0,5 %
Density (20 °C)	0,791 g/cm ³
Refractive index	1,359

for UV (10090)

Appearance	clear colourless liquid
Assay	min. 99,5 %
Residue after evaporation	max. 0,001 %
Water	max. 0,5 %
Free acids	max. 0,0003 meq/g
Free alkali	max. 0,0006 meq/g
Acetaldehyde	max. 0,002 %
Isopropyl alcohol	max. 0,05 %
Methanol	max. 0,05 %
Color scale (APHA)	max. 10
Density (20 °C)	0,791 g/cm ³
Refractive index	1,359
Substances reducing KMnO ₄	passes test
Infrared spectrometry	passes test
UV absorption at 330 nm	max. 1,00
UV absorption at 340 nm	max. 0,10
UV absorption at 350 nm	max. 0,02
UV absorption at 400 nm	max. 0,01

for HPLC (10080)

Appearance	Clear colourless liquid
Assay	min. 99,9%
Residue after evaporation	max. 0,0005%
UV absorption at 335 nm	max. 0,222
UV absorption at 340 nm	max. 0,071
UV absorption at 350 nm	max. 0,009
Free acids (as CH ₃ COOH)	max. 0,002%
Water	max. 0,2%

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



Hazard statements: 225, 319, 336

EUH statements:

Precautionary statements: 210, 261, 305+351+338

Signal word: Danger