

AC0149 Ethyl acetate, GC ultra-trace analysis grade



assay (G.C.) min. 99,8 %
 identity (IR-spectrum) passes test
 density (20°/4°) 0,900 - 0,902
 residue on evaporation max. 0,0001 %
 water (K.F.) max. 0,02 %
 Suitable for organohalogenated pesticide and dioxins, furans and PCBs residue analysis. ECD, from 1,2,4-trichlorobenzene to decachlorobiphenyl, no peaks are obtained greater than 3 pg/ml as lindane. No peaks are obtained in vicinity of 2,4,5-trichlorobiphenyl. Suita-

ble for highly volatile halogenated hydrocarbons trace analysis ECD, from dichloromethane to 1,2,4-trichlorobenzene, no peaks are obtained greater than 1 ng/ml as tetrachloromethane.

Suitable for pesticide and polycyclic aromatic hydrocarbons residue analysis. FID, from 1-octanol to 1-tetradecanol, no peaks are obtained greater than 5 ng/ml as 1-tetradecanol. No peaks are obtained in vicinity of pyrene.

ART. NO.	VOLUME	CONTAINER
AC01491000	1 l	0
AC01492500	2,5 l	0

AC0137 Ethyl acetate, GC-MS



assay (G.C.) min. 99,8 %
 colour (Hazen) max. 10
 identity (IR-spectrum) passes test
 residue on evaporation max. 3 ppm
 water (K.F.) max. 0,05 %

GC/MSD (retention range n-undecane to n-tetracontane, scanning area 30 - 600 amu, individual signals (n-tetradecane standard)) max. 3,0 ng/ml (ppb). Suitable for residue analysis

ART. NO.	VOLUME	CONTAINER
AC01371000	1 l	0
AC01372500	2,5 l	0

AC0138 Ethyl acetate, standard substance for GC



assay 99,9%
 over ramp 40°C, 5°C/min 120°C, 30°C/min 200 °C
 identity IR

ART. NO.	VOLUME	CONTAINER
AC01380005	5 ml	0

AC0141 Ethyl acetate, 99,8%, anhydrous (max. 0,005% H₂O), with molecular sieves



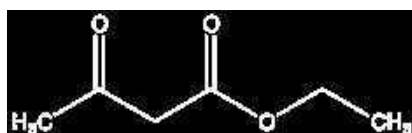
assay (G.C.) min. 99,8 %
 identification passes test
 density (20°/20°) 0,898 - 0,902
 acidity passes test
 copper (Cu) max. 0,2 ppm
 heavy metals (as Pb) max. 1 ppm
 iron (Fe) max. 0,5 ppm

lead (Pb) max. 0,2 ppm
 nickel (Ni) max. 0,2 ppm
 ethanol (G.C.) max. 0,1 %
 methanol (G.C.) max. 0,1 %
 methyl acetate (G.C.) max. 0,01 %
 substances darkened by H₂SO₄ passes test
 water (K.F.) max. 0,005 %

ART. NO.	VOLUME	CONTAINER
AC01411000	1 l	0

ETHYL ACETOACETATE

AC0287 Ethyl acetoacetate, EssentQ®

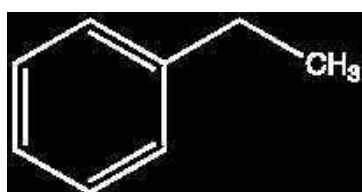


- Synonyms: EAA, Acetoacetic acid ethyl ester
- C₈H₁₀O₃
- M = 130,14 g/mol
- CAS [141-97-9]
- EINECS-No.: 205-516-1
- Density: 1,03 g/cm³
- Solub. in water: (20 °C): 125 g/l
- Melting point: -40 °C
- Boiling point: (26,6 hPa) 81,8 - 86,4 °C
- Flash pt. 63 °C
- Ignition temp.: 295 °C
- Vapour pressure: (20 °C) 1 hPa
- Refraction index: (n 20 °C/D) 1,4190
- LD 50 (oral, rat): 3980 mg/kg
- GHS-signal word: Warning
- GHS-H sentences: H319
- GHS-P sentences: P280 - P264 - P305 + P351 + P338 - P337 + P313
- Tariff number: 2918 30 00 90
- Applications: synthesis of organic products, for decolourization of liquids.

assay (G.C.) min. 98 %
 identity (IR-spectrum) passes test
 density (20°/4°) 1,028 - 1,030
 residue on ignition max. 0,01 %
 water (K.F.) max. 0,2 %

ART. NO.	VOLUME	CONTAINER
AC02871000	1 l	0

ETHYL BENZENE



- Synonyms: Ethylbenzene
- C₈H₁₀
- M = 106,17 g/mol
- CAS [100-41-4]
- EINECS-No.: 202-849-4
- Density: 0,87 g/cm³
- Solub. in water: (20 °C): sparingly miscible
- Melting point: -95 °C
- Boiling point: 136 °C
- Flash pt. 15 °C
- Ignition temp.: 430 °C
- Vapour pressure: (20 °C) 4,9 hPa
- Dielectric const.: (30 °C) 2,3

- LD 50 (oral, rat): 3500 mg/kg
- EC-Index-No.: 601-023-00-4
- ADR: 3 F1 II UN 1175
- IMDG: 3 II UN 1175
- IATA/ICAO: 3 II UN 1175
- GHS-signal word: Danger
- GHS-H sentences: H225 - H332
- GHS-P sentences: P210 - P241 - P261 - P280 - P303 + P361 + P353 - P501a
- Tariff number: 2902 60 00 00
- Applications: analytical chemistry, chromatography, solvents.