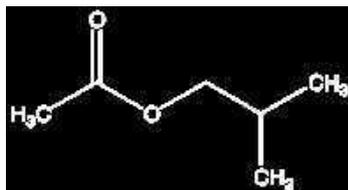


ISOBUTYL ACETATE



- Synonyms: Acetic acid isobutyl ester
- $C_6H_{12}O_2$
- $M = 116,16 \text{ g/mol}$
- CAS [110-19-0]
- EINECS-No.: 203-745-1
- Density: $0,87 \text{ g/cm}^3$
- Solub. in water: (20 °C): 7 g/l
- Melting point: -99 °C
- Boiling point: $116 - 118 \text{ °C}$
- Flash pt. 18 °C
- Ignition temp.: 510 °C
- Vapour pressure: (20 °C) 17 hPa
- Refraction index: (n 20 °C/D) $1,3877$

- Dielectric const.: (20 °C) $5,3$
- LD 50 (oral, rat): 13400 mg/kg
- EC-Index-No.: 607-026-00-7 [3]
- ADR: 3 F1 II UN 1213
- IMDG: 3 II UN 1213
- IATA/ICAO: 3 II UN 1213
- GHS-signal word: Danger
- GHS-H sentences: H225 - EUH066
- GHS-P sentences: P210 - P241 - P280 - P240 - P303 + P361 + P353 - P501a
- Tariff number: 2915 34 00 00
- Applications: synthesis of organic products, solvents, in food industry.

AC0170 Isobutyl acetate, EssentQ®



assay (G.C.) min. 96 % water (K.F.) max. 0,1 %
 identity (IR-spectrum) passes test
 density (20°/4°) 0,870 - 0,875

ART. NO.	VOLUME	CONTAINER
AC01701000	1 l	0

AC0171 Isobutyl Acetate, standard substance for GC

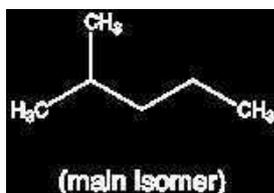


assay 99,2 %
 over ramp 60°C, 6°C/min 160°C, 20°C/min 220°C
 identity IR

ART. NO.	VOLUME	CONTAINER
AC01710005	5ml	0

ISOHEXANE

IS0122 Isohexane, Multisolvant® HPLC grade UV-VIS



- C_6H_{14}
- $M = 86,18 \text{ g/mol}$
- CAS [73513-42-5]
- EINECS-No.: 295-570-2
- Density: $0,65 \text{ g/cm}^3$
- Solub. in water: (20 °C): $0,02 \text{ g/l}$
- Melting point: -153 °C
- Boiling point: $53 - 63 \text{ °C}$
- Flash pt. -26 °C
- Ignition temp.: 260 °C
- Vapour pressure: (20 °C) 240 hPa
- LD 50 (oral, rat): $> 5000 \text{ mg/kg}$
- EC-Index-No.: 601-007-00-7
- ADR: 3 F1 II UN 1208
- IMDG: 3 II UN 1208
- IATA/ICAO: 3 II UN 1208
- GHS-signal word: Danger
- GHS-H sentences: H224 - H304 - H315 - H336 - H411
- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P321 - P405 - P501a
- Tariff number: 2901 10 00 00
- Applications: analytical chemistry, chromatography, solvent for fat and oil extractions.
- Appearance: Colourless, clear liquid

assay (G.C.) min. 97 %
 identity (IR-spectrum) passes test
 appearance clear
 colour (Hazen) max. 10
 acidity max. 0,0003 meq/g
 aluminium (Al) max. 0,1 ppm
 barium (Ba) max. 0,01 ppm
 boron (B) max. 0,02 ppm
 cadmium (Cd) max. 0,01 ppm
 calcium (Ca) max. 0,3 ppm
 chromium (Cr) max. 0,02 ppm
 cobalt (Co) max. 0,02 ppm
 copper (Cu) max. 0,02 ppm
 iron (Fe) max. 0,02 ppm
 lead (Pb) max. 0,1 ppm
 magnesium (Mg) max. 0,1 ppm
 manganese (Mn) max. 0,01 ppm
 nickel (Ni) max. 0,02 ppm
 tin (Sn) max. 0,1 ppm
 zinc (Zn) max. 0,01 ppm
 n-hexane (G.C.) max. 3 %
 aromatic hydrocarbons (as C_6H_6) max. 0,01 %
 sulfur compounds (as S) max. 0,005 %
 thiophene (C_4H_4S) max. 0,0001 %
 substances darkened by H_2SO_4 passes test
 residue on evaporation max. 0,002 %
 water (K.F.) max. 0,005 %
 min. transmission/max. absorbance in a 1,0 cm cell at
 wavelength T(%) A (AU)
 200 nm 10 % 1,000 AU
 210 nm 50 % 0,301 AU
 217 nm 70 % 0,155 AU
 225 nm 80 % 0,097 AU
 245 nm 98 % 0,009 AU
 Microfiltered through membranes of pore diameter
 0,22 μm

ART. NO.	VOLUME	CONTAINER
IS01221000	1 l	0
IS01222500	2,5 l	0