

PETROLEUM ETHER, BOILING RANGE 30 - 40 °C

ET0088 Petroleum ether, boiling range 30 - 40 °C, EssentQ®, Reag. Ph Eur



- Synonyms: Petroleum benzene, Petroleum spirit
- CAS [64742-49-0]
- EINECS-No.: 265-151-9
- Density: 0,65 g/cm³
- Solub. in water: (20 °C): non-miscible
- Boiling point: 30 - 40 °C
- Flash pt. -30 °C
- Ignition temp.: ~ 250 °C
- Vapour pressure: (20 °C) ~ 350 hPa
- EC-Index-No.: 649-328-00-1
- ADR: 3 F1 I UN 1268
- IMDG: 3 I UN 1268
- IATA/ICAO: 3 I UN 1268
- GHS-signal word: Danger
- GHS-H sentences: H224 - H304 - H336 - H411 - EUH066

- GHS-P sentences: P210 - P241 - P261 - P303 + P361 + P353 - P405 - P501a
- Tariff number: 2710 12 25 99
- Applications: solvents, analytical chemistry.

boiling range 30 - 40 °C
 density (20°/20°) 0,620 - 0,630
 acidity max. 0,001 meq/g
 copper (Cu) max. 0,2 ppm
 iron (Fe) max. 0,5 ppm
 lead (Pb) max. 0,2 ppm
 nickel (Ni) max. 0,2 ppm
 aromatic hydrocarbons (as C₆H₆) max. 0,01 %
 sulphur compounds (as CS₂) max. 0,005 %
 substances darkened by H₂SO₄ passes test
 residue on evaporation max. 0,001 %
 water (K.F.) max. 0,01 %

ART. NO.	VOLUME	CONTAINER
ET00881000	1 l	0

PETROLEUM ETHER, BOILING RANGE 40 - 60 °C

ET0090 Petroleum ether, boiling range 40 - 60 °C, EssentQ®



boiling range 40 - 60 °C
 density (20°/4°) 0,640 - 0,655
 residue on evaporation max. 0,005 %
 water (K.F.) max. 0,05 %

ART. NO.	VOLUME	CONTAINER
ET00901000	1 l	0
ET00902500	2,5 l	0
ET0090005M	5 l	0

ART. NO.	VOLUME	CONTAINER
ET0090007E	7 l	0
ET0090025L	25 l	0

ET0092 Petroleum ether, boiling range 40 - 60 °C, ExpertQ®, for analysis, ACS, ISO



boiling range (40 - 60°C) min. 90 % vol.
 density (20°/4°) 0,640 - 0,655
 colour (Hazen) max. 10
 acidity max. 0,0003 meq/g
 iodine index max. 0,3
 aluminium (Al) max. 0,5 ppm
 barium (Ba) max. 0,01 ppm
 boron (B) max. 0,02 ppm
 cadmium (Cd) max. 0,05 ppm
 calcium (Ca) max. 0,5 ppm
 chromium (Cr) max. 0,02 ppm
 cobalt (Co) max. 0,02 ppm
 copper (Cu) max. 0,02 ppm

iron (Fe) max. 0,1 ppm
 lead (Pb) max. 0,1 ppm
 magnesium (Mg) max. 0,1 ppm
 manganese (Mn) max. 0,02 ppm
 nickel (Ni) max. 0,02 ppm
 tin (Sn) max. 0,1 ppm
 zinc (Zn) max. 0,1 ppm
 aromatic hydrocarbons (as C₆H₆) max. 0,02 %
 sulfur compounds (as S) max. 0,005 %
 substances darkened by H₂SO₄ passes test
 residue on evaporation max. 0,0005 %
 water (K.F.) max. 0,01 %

ART. NO.	VOLUME	CONTAINER
ET00921000	1 l	0
ET00922500	2,5 l	0
ET00924000	4 l	0
ET0092005M	5 l	0
ET0092007E	7 l	0
ET0092025A	25 l	0
ET0092025S	25 l	0

ET0095 Petroleum ether, boiling range 40 - 60 °C, Multisolvant® HPLC grade ACS ISO UV-VIS



boiling range (40 - 60°C) min. 90 % vol.
 density (20°/4°) 0,640 - 0,655
 colour (Hazen) max. 10
 appearance clear
 acidity max. 0,0003 meq/g
 iodine index max. 0,3
 peroxide index max. 0,3
 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
 aromatic hydrocarbons (as C₆H₆) max. 0,005 %
 sulfur compounds (as S) max. 0,005 %
 substances darkened by H₂SO₄ passes test
 residue on evaporation max. 0,0002 %
 water (K.F.) max. 0,01 %
 min. transmission/max. absorbance in a 1,0 cm cell at wavelength T(%) A(AU)
 210 nm 10 % 1,000 AU
 230 nm 90 % 0,046 AU
 250 nm 98 % 0,009 AU
 Microfiltered through membranes of pore diameter 0,22 µm

ART. NO.	VOLUME	CONTAINER
ET00951000	1 l	0
ET00952500	2,5 l	0
ET0095007E	7 l	0