

TE0125 Tetrachloroethene, EssentQ®



assay (G.C.) min. 99,5 %
 identity (IR-spectrum) passes test
 density (20°/4°) 1,621 - 1,623
 acidity max. 0,002 meq/g
 alkalinity max. 0,002 meq/g
 chlorides (Cl) max. 0,001 %
 copper (Cu) max. 0,2 ppm

iron (Fe) max. 0,5 ppm
 lead (Pb) max. 0,2 ppm
 nickel (Ni) max. 0,2 ppm
 chloroform (G.C.) max. 0,05 %
 trichloroethylene (G.C.) max. 0,1 %
 residue on evaporation max. 0,001 %
 water (K.F.) max. 0,01 %

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|-----------|
| TE01251000 | 1 l | 0 |
| TE01252500 | 2,5 l | 0 |
| TE0125005P | 5 l | 0 |
| TE0125025A | 25 l | 0 |

TE0127 Tetrachloroethene, Multisolvant® HPLC grade UV-VIS

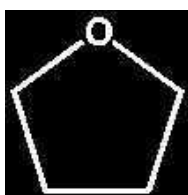


assay (G.C.) min. 99,9 %
 identity (IR-spectrum) passes test
 density (20°/4°) 1,621 - 1,623
 appearance clear
 colour (Hazen) max. 10
 acidity max. 0,0005 meq/g
 aluminium (Al) max. 0,1 ppm
 barium (Ba) max. 0,01 ppm
 boron (B) max. 0,02 ppm
 cadmium (Cd) max. 0,01 ppm
 calcium (Ca) max. 0,3 ppm
 chromium (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
 residue on evaporation max. 0,0003 %
 water (K.F.) max. 0,01 %
 min. transmission/max. absorbance in a 1,0 cm cell at
 wavelength T(%) A (AU)
 290 nm 10 % 1,000 AU
 295 nm 50 % 0,301 AU
 300 nm 80 % 0,097 AU
 305 nm 85 % 0,071 AU
 350 nm 89 % 0,051 AU
 Microfiltered through membranes of pore diameter
 0,22 µm

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|-----------|
| TE01271000 | 1 l | 0 |
| TE01272500 | 2,5 l | 0 |

TETRAHYDROFURAN



- Synonyms: THF, Tetramethylene oxide, Oxolane
- C₄H₈O
- M = 72,11 g/mol
- CAS [109-99-9]
- EINECS-No.: 203-726-8
- Density: 0,89 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -108,5 °C
- Boiling point: 65 - 66 °C
- Flash pt. -21,5 °C
- Ignition temp.: 215 °C
- Vapour pressure: (20°C) 173 hPa
- Refraction index: (n 20 °C/D) 1,407
- Dielectric const.: (20 °C) 7,4

- LD 50 (oral, rat): 1650 mg/kg
- EC-Index-No.: 603-025-00-0
- ADR: 3 F1 II UN 2056
- IMDG: 3 II UN 2056
- IATA/ICAO: 3 II UN 2056
- GHS-signal word: Danger
- GHS-H sentences: H225 - H351 - H319 - H335 - EUH019
- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 2932 11 00 00
- Applications: solvents, synthesis of polymers, synthesis of organic products, for organometallic compounds synthesizing, for histology.

TE0219 Tetrahydrofuran, EssentQ®, stabilized with 2,6-Di-tert-butyl-4-methylphenol (BHT)



assay (G.C.) min. 99,5 %
 identity (IR-spectrum) passes test
 density (20°/4°) 0,887 - 0,889
 residue on evaporation max. 0,02 %
 water (K.F.) max. 0,1 %

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|-----------|
| TE02191000 | 1 l | 0 |
| TE02192500 | 2,5 l | 0 |
| TE0219005L | 5 l | 0 |

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|-----------|
| TE0219005P | 5 l | 0 |
| TE0219025L | 25 l | 0 |
| TE0219025S | 25 l | 0 |

TE0220 Tetrahydrofuran, EssentQ®, stabilized with 250 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)



assay (G.C.) min. 99,5 %
 identity (IR-spectrum) passes test
 density (20°/4°) 0,887 - 0,889
 acidity max. 0,0003 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
 peroxides (as H₂O₂) max. 0,005 %
 residue on evaporation max. 0,025 %
 water (K.F.) max. 0,1 %

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|-----------|
| TE02201000 | 1 l | 0 |
| TE02202500 | 2,5 l | 0 |
| TE0220005L | 5 l | 0 |
| TE0220025S | 25 l | 0 |

TE0221 Tetrahydrofuran, ExpertQ®, for analysis, ACS, Reag. Ph Eur, stabilized with 250 ppm of 2,6-Di-tert-butyl-4-methylphenol (BHT)



assay (G.C.) min. 99,8 %
 identity (IR-spectrum) passes test
 density (20°/4°) 0,887 - 0,889
 density (20°/20°) 0,889 - 0,891
 colour (Hazen) max. 10
 appearance clear
 acidity max. 0,0003 meq/g
 alkalinity max. 0,0002 meq/g
 aluminium (Al) max. 0,5 ppm
 barium (Ba) max. 0,1 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. 0,02 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
 peroxides (as H₂O₂) max. 0,005 %
 residue on evaporation max. 0,025 %
 water (K.F.) max. 0,03 %

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|-----------|
| TE02211000 | 1 l | 0 |
| TE02212500 | 2,5 l | 0 |
| TE0221005M | 5 l | 0 |
| TE0221025S | 25 l | 0 |
| TE0221200L | 200 l | 0 |

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