

Identification

H₂O
M = 18,02 g/mol
CAS [7732-18-5]
EC number: 231-791-2
Taric code: 2853 00 10

Applications

solvents, analytical chemistry.

Specifications

conductivity (25 °C).....	max. 1 µS/cm	gradient elution: maximum absorption of
chlorides (Cl).....	max. 0,00002 %	the largest eluted peaks:
nitrates (NO ₃).....	max. 0,00003 %	at 210 nm..... 0,01 AU
sulfates (SO ₄).....	max. 0,0001 %	at 254 nm..... 0,001 AU
residue on evaporation.....	max. 0,0001 %	
lead (Pb).....	max. 0,1 ppm	Microfiltered through membranes
colony count.....	max. 25 UFC/g	of pore diameter 0,22 µm
microbiological test.....	passes test	

Physical data

- Density: 1,00 g/cm³
- Melting point: 0 °C
- Boiling point: 100 °C
- Vapour pressure: (20 °C) 23 hPa
- Viscosity: (20 °C) 0,95 mPas
- Dipolar moment: (20 °C) 1,85 Debye
- Dielectric const.: (20 °C) 80,2
- Evap. heat: (20 °C) 2253 KJ/kg
- pH(20 °C) 7

Toxicological data

- WGK: 0
- Poison class CH (Swiss): F

Transport/storage

- Store between 15°C and 25°C