

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	sodium (Na).....	max. 0,00001 %
chlorides (Cl).....	max. 0,000001 %	tin (Sn).....	max. 0,00001 %
fluorides (F).....	max. 0,000001 %	zinc (Zn).....	max. 0,00001 %
nitrates (NO ₃).....	max. 0,00001 %	residue on evaporation.....	max. 0,0001 %
sulfates (SO ₄).....	max. 0,00001 %	suitability for use in LC-MS.....	passes test
aluminium (Al).....	max. 0,00005 %		
barium (Ba).....	max. 0,00001 %	min. transmission/max. absorbance	
cadmium (Cd).....	max. 0,000005 %	in a 1,0 cm cell at	
calcium (Ca).....	max. 0,00001 %	wavelength:	T(%) A (AU)
chromium (Cr).....	max. 0,000002 %	200 nm.....	95 % 0,022 AU
cobalt (Co).....	max. 0,000002 %	230 nm.....	99 % 0,004 AU
copper (Cu).....	max. 0,000002 %		
iron (Fe).....	max. 0,00001 %	gradient grade (210 nm)	
lead (Pb).....	max. 0,00001 %	maximum peak absorbance:	max. 0,005 AU
magnesium (Mg).....	max. 0,00001 %	gradient grade (254 nm)	
manganese (Mn).....	max. 0,000002 %	maximum peak absorbance:	max. 0,001 AU
nickel (Ni).....	max. 0,000002 %		
potassium (K).....	max. 0,00001 %	Microfiltered through membranes	
silver (Ag).....	max. 0,00001 %	of pore diameter 0,22 µm	

Packaging**Packaging Code**

1 | 4

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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