

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	copper (Cu).....	max. 0,00001 %
chlorides (Cl).....	max. 0,0001 %	iron (Fe).....	max. 0,00001 %
nitrates (NO ₃).....	max. 0,00003 %	lead (Pb).....	max. 0,00002 %
phosphates (as PO ₄).....	max. 0,00001 %	magnesium (Mg).....	max. 0,00001 %
silicates (SiO ₂).....	max. 0,000001 %	manganese (Mn).....	max. 0,00001 %
sulfates (SO ₄).....	max. 0,0001 %	nickel (Ni).....	max. 0,00001 %
aluminium (Al).....	max. 0,00002 %	potassium (K).....	max. 0,00005 %
ammonium (NH ₄).....	max. 0,00001 %	sodium (Na).....	max. 0,00005 %
barium (Ba).....	max. 0,00001 %	zinc (Zn).....	max. 0,00001 %
cadmium (Cd).....	max. 0,00001 %	substances reducing KMnO ₄	passes test
calcium (Ca).....	max. 0,00003 %	residue on evaporation.....	max. 0,0001 %
chromium (Cr).....	max. 0,00002 %		

Packaging**Packaging Code**

1 |  AG00021000
2,5 |  AG00022500
5 |  AG0002005P
10 |  AG0002010C
25 |  AG0002025P

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