AG0006
Water, LC-MS

Identification
H_2O
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. 0,1 ppm
chlorides (Cl)	max. 0,000001 %	tin (Sn)	max. 0,1 ppm
fluorides (F)	max. 0,000001 %	zinc (Zn)	max. 0,1 ppm
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. 0,5 ppm		
barium (Ba)	max. 0,1 ppm	min. transmission/max. absorbance	
cadmium (Cd)	max. 0,05 ppm	in a 1,0 cm cell at	
calcium (Ca)	max. 0,1 ppm	wavelength:	T(%) A (AU)
chromium (Cr)	max. 0,02 ppm	200 nm	95 % 0,022 AU
cobalt (Co)	max. 0,02 ppm	230 nm	99 % 0,004 AU
copper (Cu)	max. 0,02 ppm		
iron (Fe)	max. 0,1 ppm	gradient grade (210 nm)	
lead (Pb)	max. 0,1 ppm	maximum peak absorbance:	max. 0,005 AU
magnesium (Mg)	max. 0,1 ppm	gradient grade (254 nm)	
manganese (Mn)	max. 0,02 ppm	maximum peak absorbance:	max. 0,001 AU
nickel (Ni)	max. 0,02 ppm		
potassium (K)	max. 0,1 ppm	Microfiltered through membranes	
silver (Ag)	max. 0,1 ppm	of pore diameter 0,22 µm	

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

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

Transport/storage
- Store between 15ºC and 25ºC