



**PRODUCT CODE: 711074**

**Water for trace metal analysis (ppt)**

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H<sub>2</sub>O

M.= 18,016

CAS [7732-18-5]

EINECS 231-791-2

TARIC 2853 90 10 00

**SYNONYMS:** Hydrogen Oxide

**PHYSICAL DATA:** liquid, Clear, Colourless, Soluble in ethanol D<sup>3.98</sup> 1 • M.P.: 0 °C • B.P.: 100 °C • pH5,5 - 7,5  
• Vap. press. (20 °C) 23 hPa • Viscosity 20 °C 0,95 mPa.s • D. M. 1,85 Debye • Dielec. constant 20 °C 80,2 • Heat  
evap. 20 °C 2253 KJ/Kg •

**BIBLIOGRAPHY:** Merck Index **12**, 10.175 13, 10.098 Sax **WAT259** • Römp **8** , **4583** • ACS **XI** • UNE-EN ISO 3696  
(1996) • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) 6.3 •

**HAZARDOUS:** RTECS: ZC 0110000 •

**WEIGHT/VOLUME INFORMATION:** 1l~1,000 kg    1kg~1,000 l

#### **SPECIFICATIONS:**

##### **Maximum limit of impurities**

APHA colour	10
Chloride (Cl)	1 ppb
Phosphate (PO <sub>4</sub> )	1 ppb
Sulfate (SO <sub>4</sub> )	1 ppb

##### **Metals by ICP (in ppt)**

Ag	10
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Al	20
As	10
Au	10
B	20
Ba	10
Be	10
Bi	10
Ca	10
Cd	10
Ce	10
Co	10
Cr	10
Cs	10
Cu	10
Dy	1
Er	1
Eu	1
Fe	10
Ga	10
Gd	1
Ge	10
Hf	1
Hg	20
Ho	1
In	1
K	10
La	1
Li	10
Lu	1
Mg	10
Mn	10
Mo	10
Na	10
Nb	10
Nd	1
Ni	10
Pb	10
Pd	10
Pr	10
Pt	10
Rb	10
Re	10
Rh	10
Ru	10
Sb	10
Sc	10
Se	50
Sm	10
Sn	10
Sr	10
Ta	10
Tb	10
Te	1
Th	1
Ti	10
Tl	10
Tm	10
U	1
V	10

W	10
Y	1
Yb	10
Zn	10
Zr	10

Ed.: 3 . Vig.: 15.01.2011 .

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