

**PRODUCT CODE: 361074****Water for UV, HPLC, ACS**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:**

Suitability: for gradient acc. to ACS

passes test

**Maximum limit of impurities**

Non-volatile matter

0,0003 %

Reducing substance to KMnO<sub>4</sub>

passes test

Specific conductance at 25 °C (Measured during production)

1,0x10<sup>-6</sup>ohm-1cm-1

Fluorescence at 254 nm (as quinine)

1 ppb

Fluorescence at 365 nm (as quinine)

0,5 ppb

UV Spectrum (1cm cell; Ref.: water):

Transmittance at 200 nm	3 98 %
Transmittance at 210 nm	3 98 %
Transmittance at 254 nm	3 99 %
Transmittance at 300-450 nm	3 99 %

Data of interest in HPLC:

Rohrschneider Polarity	10,2
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**For critical jobs, purge with nitrogen.**

**Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.**

Ed.: 6 . Vig.: 27.06.2014 .

Prod.: 361074

DOMINIQUE DUTSCHER SAS