



PRODUCT CODE: 141074

Purified Water (BP, Ph. Eur.) pure, pharma grade

H₂O

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^{3.98} 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.**2020** • USP **42** • Ph. Eur. **9.0** (2017) **10.0** (2020) 6.3 •

HAZARDOUS: RTECS: ZC 0110000 •

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

SPECIFICATIONS:

Maximum limit of impurities

Appearance	passes test
Acidity or alkalinity	passes test
Non-volatile matter	0,001 %
Chloride (Cl)	passes test
Ammonium (NH ₄)	0,00002%
Sulfate (SO ₄)	passes test
Conductivity at 20°C (measured during production)	4,3 uS.cm-1

Oxidisable substances	passes test
Residual solvents (Ph.Eur.)	passes test
Nitrate (NO ₃)	0,00002%
Calcium and Magnesium	passes test
Contamination Microbial contamination:	
Total aerobic microbial count (TAMC)	100 cfu /g
Heavy metals (as Pb)	0,00001%
Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)	
Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1.300 ppm
Al	0,000001 %