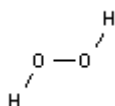




PRODUCT CODE: 121076

Hydrogen Peroxide 30% w/v (100 vol.) for analysis

H₂O₂



M.= 34,01

CAS [7722-84-1]

EINECS 231-765-0

TARIC 2847 00 00 00

SYNONYMS: Hydrogen Dioxide, Hydroperoxide

PHYSICAL DATA: liquid, Clear, Colourless, Miscible with water • D 20/4 1,1 • M.P.: -26 °C • B.P.: 107 °C • pH2 - 4 • Vap. press. (20 °C) 18 hPa •

BIBLIOGRAPHY: Merck Index **12**, 4.839 13, 4.819 Sax **HIB000** • Safety **2** , **2546 B** • Kühn-Birett **W 2** • Ullmann **(5.)13** , 443 • Fieser **1457 2216 3154 4253 5337 6286 7174 8247 9241 10201 12242 13145 14176 15166 17145** • ACS **XI** • ISO 6353/2-1983R - 14 , 19 • USP **41** • Ph. Eur. **9.0** (2017) **9919.0** (2017) • F.C.C **10 11** •

HAZARDOUS: C.E: 008-003-00-9 • RTECS: MX 0899000 • LD L0 oral hmn 1.429 mg/kg • LD50 oral rat 2.000 mg/kg • LC50 rat 2000mg/m3 / 4h • LD50 skn rat 4.060 mg/kg • VLA-ED 1 ppm1,4 mg/m3



H: H302 • H318 •

P: P264 • P270 • P280 • P301+P312 • P305+P351+P338 • P310 • P330 • P501 •

TRANSPORT REGULATIONS: UN: 2014 • ADR: 5.1(8)/II • IMDG: 5.1(8)/II • IATA: 5.1(8)/II • PAX: 550 • CAO: 554 • (E) •

WEIGHT/VOLUME INFORMATION: 1l~1,10 kg 1kg~0,91 l

SPECIFICATIONS:

Minimum assay (Perm.) w/v	30,0%
Assay (in vol. O2) (Perm.)	100 vol.

Maximum limit of impurities

APHA colour	10
Acidity	0,0008 meq/g

Non-volatile matter	0,005 %
Chloride (Cl)	0,0001%
Nitrogen compounds (as N)	0,001%
Phosphate (PO4)	0,0005 %
Sulfate (SO4)	0,0005%
Heavy metals (as Pb)	0,0001%

Metals by ICP [in mg/Kg (ppm)]

Ag	0,05
Al	0,2
As	0,5
Au	0,1
B	0,5
Ba	0,1
Be	0,02
Bi	0,05
Ca	0,5
Cd	0,05
Co	0,02
Cr	0,02
Cu	0,02
Fe	0,1
Ga	0,05
Ge	0,05
Hg	0,1
In	0,05
K	5
Li	0,02
Mg	0,1
Mn	0,02
Mo	0,02
Na	10
Ni	0,05
Pb	0,1
Pt	0,1
Sb	0,02
Sr	0,02
Ti	0,05
Tl	0,02
V	0,02
Zn	0,1
Zr	0,05