

## HI0143 Hydrogen peroxide, solution 30% w/w (110 vol), Ultratrace®, ppt-trace analysis grade



assay (permanganometric) . . . . .	30,0 - 32,0 %	molybdenum (Mo) . . . . .	max. 10 ppt
aluminium (Al) . . . . .	max. 50 ppt	neodymium (Nd) . . . . .	max. 1 ppt
antimony (Sb) . . . . .	max. 10 ppt	nickel (Ni) . . . . .	max. 20 ppt
arsenic (As) . . . . .	max. 100 ppt	niobium (Nb) . . . . .	max. 10 ppt
barium (Ba) . . . . .	max. 10 ppt	palladium (Pd) . . . . .	max. 10 ppt
beryllium (Be) . . . . .	max. 10 ppt	potassium (K) . . . . .	max. 20 ppt
bismuth (Bi) . . . . .	max. 10 ppt	praseodymium (Pr) . . . . .	max. 1 ppt
boron (B) . . . . .	max. 100 ppt	rhenium (Re) . . . . .	max. 10 ppt
cadmium (Cd) . . . . .	max. 10 ppt	rhodium (Rh) . . . . .	max. 10 ppt
calcium (Ca) . . . . .	max. 100 ppt	rubidium (Rb) . . . . .	max. 10 ppt
cerium (Ce) . . . . .	max. 1 ppt	ruthenium (Ru) . . . . .	max. 10 ppt
cesium (Cs) . . . . .	max. 1 ppt	samarium (Sm) . . . . .	max. 1 ppt
chromium (Cr) . . . . .	max. 10 ppt	scandium (Sc) . . . . .	max. 10 ppt
cobalt (Co) . . . . .	max. 10 ppt	selenium (Se) . . . . .	max. 100 ppt
copper (Cu) . . . . .	max. 10 ppt	silver (Ag) . . . . .	max. 10 ppt
dysprosium (Dy) . . . . .	max. 1 ppt	sodium (Na) . . . . .	max. 50 ppt
erbium (Er) . . . . .	max. 1 ppt	strontium (Sr) . . . . .	max. 10 ppt
europium (Eu) . . . . .	max. 1 ppt	tantalum (Ta) . . . . .	max. 10 ppt
gadolinium (Gd) . . . . .	max. 1 ppt	tellurium (Te) . . . . .	max. 1 ppt
gallium (Ga) . . . . .	max. 10 ppt	terbium (Tb) . . . . .	max. 1 ppt
germanium (Ge) . . . . .	max. 10 ppt	thallium (Tl) . . . . .	max. 1 ppt
gold (Au) . . . . .	max. 10 ppt	thorium (Th) . . . . .	max. 1 ppt
hafnium (Hf) . . . . .	max. 1 ppt	thulium (Tm) . . . . .	max. 1 ppt
holmium (Ho) . . . . .	max. 1 ppt	tin (Sn) . . . . .	max. 50 ppt
indium (In) . . . . .	max. 1 ppt	titanium (Ti) . . . . .	max. 20 ppt
iron (Fe) . . . . .	max. 20 ppt	tungsten (W) . . . . .	max. 20 ppt
lanthanum (La) . . . . .	max. 1 ppt	uranium (U) . . . . .	max. 1 ppt
lead (Pb) . . . . .	max. 10 ppt	vanadium (V) . . . . .	max. 10 ppt
lithium (Li) . . . . .	max. 10 ppt	ytterbium (Yb) . . . . .	max. 1 ppt
lutetium (Lu) . . . . .	max. 1 ppt	yttrium (Y) . . . . .	max. 1 ppt
magnesium (Mg) . . . . .	max. 20 ppt	zinc (Zn) . . . . .	max. 50 ppt
manganese (Mn) . . . . .	max. 10 ppt	zirconium (Zr) . . . . .	max. 10 ppt
mercury (Hg) . . . . .	max. 50 ppt		

ART. NO.	VOLUME	CONTAINER
HI01430500	500 ml	

## HYDROGEN PEROXIDE, 30%, STABILIZED

## HI0144 Hydrogen peroxide solution 30%, stabilized



- H<sub>2</sub>O<sub>2</sub>
- CAS [7722-84-1]
- EINECS-No.: 231-765-0
- Density: 1,115
- Solub. in water: (20 °C): miscible
- Melting point: -26 °C
- Boiling point: 106 °C
- Vapour pressure: (20 °C) ~ 23 hPa
- ADR: 5.1 OC1 II UN 2014
- IMDG: 5.1 II UN 2014

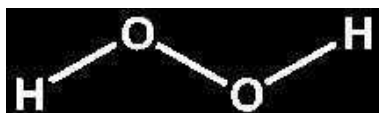
- IATA/ICAO: 5.1 II UN 2014
- GHS-signal word: Danger
- GHS-H sentences: H302 + H332 - H318
- GHS-P sentences: P261 - P280 - P301 + P312 - P305 + P351 + P338 - P310 - P501a
- Tariff number: 2847 00 00 00
- Applications: analytical chemistry, oxidizing agent, bleaching agent, for pharmaceutical use.

assay (permanganometric) . . . . . 29,0 - 31,0 %  
density (20°/4°) . . . . . 1,11 - 1,12

ART. NO.	VOLUME	CONTAINER
HI01441000	1 l	
HI01442500	2,5 l	

## HYDROGEN PEROXIDE, 6%, W/V

## HI0132 Hydrogen peroxide, solution 6% w/v (20 vol), EssentQ®



- Synonyms: Hydrogen dioxide, Hydroperoxide
- H<sub>2</sub>O<sub>2</sub>
- M = 34,01 g/mol
- CAS [7722-84-1]
- EINECS-No.: 231-765-0
- Density: 1,016 g/cm<sup>3</sup>
- LD 50 (oral, rat): 2000 mg/kg (90% solution)
- EC-Index-No.: 008-003-00-9
- GHS-signal word: Danger
- GHS-H sentences: H271 - H319
- GHS-P sentences: P221 - P283 - P210 - P305 + P351 + P338 - P306 + P360 - P501a
- Tariff number: 2847 00 00 00
- Applications: oxidizing agent, bleaching agent, for pharmaceutical use, in the pharmaceuticals industry.

assay (permanganometric) . . . . . approx. 6 %  
acidity (as H<sub>2</sub>SO<sub>4</sub>) . . . . . max. 0,05 %  
chlorides (Cl) . . . . . max. 0,001 %  
nitrates (NO<sub>3</sub>) . . . . . max. 0,001 %  
phosphates (as PO<sub>4</sub>) . . . . . max. 0,005 %  
sulfates (SO<sub>4</sub>) . . . . . max. 0,001 %  
arsenic (As) . . . . . max. 0,5 ppm  
copper (Cu) . . . . . max. 0,001 %  
iron (Fe) . . . . . max. 5 ppm  
lead (Pb) . . . . . max. 0,001 %  
nickel (Ni) . . . . . max. 0,001 %  
residue on evaporation . . . . . max. 0,05 %

ART. NO.	VOLUME	CONTAINER
HI01321000	1 l	
HI0132005P	5 l	