

HI0137 Hydrogen peroxide, solution 35% w/w (133 vol), EssentQ®



assay (permanganometric) 34,5 - 36,5 %
free acid (as H₂SO₄) max. 0,02 %
chlorides (Cl) max. 0,001 %
nitrates (NO₃) max. 0,001 %
phosphates (as PO₄) max. 0,005 %
sulfates (SO₄) max. 0,001 %

arsenic (As) max. 0,5 ppm
copper (Cu) max. 0,001 %
lead (Pb) max. 0,001 %
iron (Fe) max. 5 ppm
nickel (Ni) max. 0,001 %
residue on evaporation max. 0,05 %

ART. NO.	VOLUME	CONTAINER
HI01371000	1 l	0
HI0137005P	5 l	1

HI0138 Hydrogen peroxide, solution 35% w/w (133 vol), ExpertQ®, for analysis

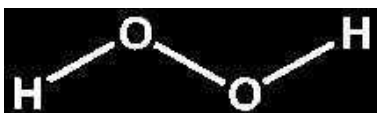


assay (permanganometric) min. 34,5 %
acidity (as H₂SO₄) max. 0,02 %
chlorides (Cl) max. 0,0001 %
nitrates (NO₃) max. 0,0005 %
phosphates (as PO₄) max. 0,0005 %
sulfates (SO₄) max. 0,0005 %
ammonium (NH₄) max. 0,001 %

arsenic (As) max. 0,5 ppm
copper (Cu) max. 1 ppm
iron (Fe) max. 0,1 ppm
lead (Pb) max. 1 ppm
nickel (Ni) max. 1 ppm
residue on evaporation max. 0,05 %

ART. NO.	VOLUME	CONTAINER
HI01381000	1 l	0
HI01382500	2,5 l	0

HYDROGEN PEROXIDE, 30%



- Synonyms: Hydrogen dioxide, Hydroperoxide
- H₂O₂
- M = 34,01 g/mol
- CAS [7722-84-1]
- EINECS-No.: 231-765-0
- Density: 1,11 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -26 °C
- Boiling point: 107 °C
- Vapour pressure: (20 °C) ~ 18 hPa
- LD 50 (oral, rat): 2000 mg/kg (90% solution)

- EC-Index-No.: 008-003-00-9
- 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: H318 - H302
- GHS-P sentences: P280 - P264 - P270 - P305 + P351 + P338 - P330 - P501a
- Tariff number: 2847 00 00 00
- Applications: analytical chemistry, oxidizing agent, bleaching agent, for pharmaceutical use.

HI0135 Hydrogen peroxide, solution 30% w/w (110 vol), EssentQ®



assay (permanganometric) approx. 30 %
acidity (as H₂SO₄) max. 0,025 %
chlorides (Cl) max. 0,001 %
nitrates (NO₃) max. 0,001 %
phosphates (as PO₄) max. 0,005 %
sulfates (SO₄) max. 0,001 %
arsenic (As) max. 0,5 ppm

copper (Cu) max. 0,001 %
lead (Pb) max. 0,001 %
iron (Fe) max. 5 ppm
nickel (Ni) max. 0,001 %
residue on evaporation max. 0,05 %

ART. NO.	VOLUME	CONTAINER
HI01350500	500 ml	0
HI01351000	1 l	0
HI01352500	2,5 l	0
HI0135005P	5 l	1

HI0136 Hydrogen peroxide, solution 30% w/w (110 vol), ExpertQ®, for analysis, ACS, ISO



assay (permanganometric) 30,0 - 32,0 %
colour (Hazen) max. 10
free acid (as H₂SO₄) max. 0,004 %
chlorides (Cl) max. 0,00005 %
nitrates (NO₃) max. 0,0002 %
phosphates (as PO₄) max. 0,0001 %
sulfates (SO₄) max. 0,0001 %
total nitrogen (as N) max. 0,0004 %
aluminium (Al) max. 0,5 ppm
ammonium (NH₄) max. 0,0005 %
arsenic (As) max 0,01 ppm
barium (Ba) max. 0,05 ppm
beryllium (Be) max 0,01 ppm
bismuth (Bi) max. 0,1 ppm
cadmium (Cd) max 0,01 ppm
calcium (Ca) max. 0,2 ppm
chromium (Cr) max. 0,02 ppm
cobalt (Co) max 0,01 ppm
copper (Cu) max 0,01 ppm

germanium (Ge) max. 0,05 ppm
heavy metals (as Pb) max. 1 ppm
iron (Fe) max. 0,05 ppm
lead (Pb) max 0,01 ppm
lithium (Li) max 0,01 ppm
magnesium (Mg) max. 0,05 ppm
manganese (Mn) max 0,01 ppm
molybdenum (Mo) max. 0,02 ppm
nickel (Ni) max. 0,02 ppm
potassium (K) max. 0,1 ppm
sodium (Na) max. 0,1 ppm
strontium (Sr) max 0,01 ppm
thallium (Tl) max. 0,05 ppm
titanium (Ti) max. 0,1 ppm
vanadium (V) max 0,01 ppm
zinc (Zn) max. 0,05 ppm
zirconium (Zr) max. 0,1 ppm
residue on ignition max. 0,002 %
residue on evaporation max. 0,002 %

ART. NO.	VOLUME	CONTAINER
HI01361000	1 l	0
HI01362500	2,5 l	0
HI0136005P	5 l	1