

## 31642 PERDROGEN™ 30% H<sub>2</sub>O<sub>2</sub> (w/w) Puriss. p.a., Reag. ISO, Reag. Ph. Eur., ≥30% Hydrogen peroxide solution

### Specyfikacja:

Property	Value
APPEARANCE (COLOR)	COLORLESS
BARIUM (ICP)	0 - 0.05 mg/kg
BERYLLIUM (ICP)	0 - 0.01 mg/kg
BISMUTH (ICP)	0 - 0.1 mg/kg
CALCIUM (ICP)	0 - 0.2 mg/kg
CADMIUM (ICP)	0 - 0.01 mg/kg
COBALT (ICP)	0 - 0.01 mg/kg
CHROMIUM (ICP)	0 - 0.02 mg/kg
COPPER (ICP)	0 - 0.01 mg/kg
IRON (ICP)	0 - 0.05 mg/kg
GERMANIUM (ICP)	0 - 0.05 mg/kg
APPEARANCE (FORM)	CLEAR LIQUID
POTASSIUM (ICP)	0 - 0.1 mg/kg
LITHIUM (ICP)	0 - 0.01 mg/kg
MAGNESIUM (ICP)	0 - 0.05 mg/kg
MANGANESE (ICP)	0 - 0.01 mg/kg
MOLYBDENUM (ICP)	0 - 0.02 mg/kg
SODIUM (ICP)	0 - 0.1 mg/kg
NICKEL (ICP)	0 - 0.02 mg/kg
LEAD (ICP)	0 - 0.01 mg/kg
STRONTIUM (ICP)	0 - 0.01 mg/kg
TITANIUM (ICP)	0 - 0.1 mg/kg
COLOR (IN APHA)	≤ 10 Apha
THALLIUM (ICP)	0 - 0.05 mg/kg
VANADIUM (ICP)	0 - 0.01 mg/kg
ZINC (ICP)	0 - 0.05 mg/kg
ZIRCONIUM (ICP)	0 - 0.1 mg/kg
METAL TRACE ANALYSIS (ICP-MS)	CORRESPONDS TO REQUIREMENTS
TOTAL PHOSPHORUS AS PO <sub>4</sub> (ICP)	0 - 1 mg/kg
TOTAL SULFUR AS SO <sub>4</sub> (ICP)	0 - 1 mg/kg
CHLORIDE (CL)	0 - 0.5 mg/kg
TOTAL NITROGEN	0 - 2 mg/kg
REDOX TITRATION	30 - 32 %
REDOXTITRATION (METHOD)	METHODEN F I-ER REDOXTITRATION
RESIDUE ON IGNITION	0 - 0.002 %
PHARMACOPOEA TESTS	non volatile matter ≤ 0.005% free acid (as H <sub>2</sub> SO <sub>4</sub> ) ≤ 0.005%
ALUMINIUM (ICP)	0 - 0.5 mg/kg
ARSENIC (ICP)	0 - 0.01 mg/kg

**Właściwości fizyczne:**

<b>Property</b>	<b>Value</b>
Cation traces	As: ≤0.01 mg/kg
Anion traces	phosphate (PO <sub>4</sub> <sup>3-</sup> ): ≤1 mg/kg
Impurities	≤0.005% non-volatile matter
Shelf life	Shelf life is limited.
Ign. residue	≤0.002%
Grade	puriss. p.a.
Quality	stabilized
Vapor pressure	23.3 mmHg ( 30 °C)
Assay	≥30%
Storage temp.	2-8°C
Freezing point	-26 °C
Density	1.11 g/cm <sup>3</sup>

**Informacje dot. bezpieczeństwa:**

<b>Property</b>	<b>Value</b>
Flashpoint	196 °C
Hazard Class	5.1
Package Group	II
UN ID	2014