



## TECHNICAL DATA SHEET

# HYDROGEN PEROXIDE SOLUTION 30% LR

Dihydrogen dioxide; Hydrogen dioxide; Hydroperoxide

Article No.	500381000	Molecular Formula	H <sub>2</sub> O <sub>2</sub>
H.S. Code	2847.0000	Molecular Weight	34.01
CAS No.	7722-84-1		

## Physical Properties

Physical state at 20 °C	Liquid
Colour	Clear colorless
Odour	Slight acrid odor
pH value	6 - 8 at 25 °C
Vapour pressure mm/Hg	25 mm Hg @ 300C
Vapour density	1.17
Density [g/cm <sup>3</sup> ]	1.11
Solubility in water [% weight]	Infinitely soluble

## Specifications

Assay Min 29.0-31.0 %  
Free acids (as H<sub>2</sub>SO<sub>4</sub>) Max 0.001 %  
Residue on evaporation Max 0.01 %  
Total nitrogen (N) Max 0.005 %  
Chloride (Cl) Max 0.001 %  
Phosphate (PO<sub>4</sub>) Max 0.003 %  
Sulfate (SO<sub>4</sub>) Max 0.001 %  
Heavy metals (as Pb) Max 0.00005 %  
Arsenic (As) Max 0.00005 %  
Iron (Fe) Max 0.00005 %

## Safety Information and Hazard Symbols

Symbol	GHS05, GHS07
Signal Word	Danger
UN No	2014
IMCO Class No.	5.1,8

Hazardous Statement	H318
Precaution Statement	P280-P305+P351+P338-P310
Packing Group	II