



EPOCH MASTER GLOBAL BUSINESS (JIANGSU)

RM.3-93,TENGFEI BUILDING,NO.88 JIANGMIAO RD., RESEARCH AND INNOVATION
PARK,NANJING ZONE, (JIANGSU) PILOT FREE TRADE ZONE, CHINA

Tel.:+86258336556

Website:<https://www.epoch-master.com>

TECHNICAL DATA SHEET OF HYDROGEN PEROXIDE

1. General Information

Molecular formula: H₂O₂

Molecular weight: 34.0147

CAS No.: 7722-84-1

EC No.: 231-765-0

Boiling Point: 158°C

Solubility: Soluble in water in any proportion Density:

1.196-1.20

Alias: Hydrogen Peroxide 50% solution; hydrogen peroxide 35%; Hydrogen peroxide solution;
Hydrogen peroxide 100 volumes; Industrial Hydrogenperoxide

2. Applications

H₂O₂ is a strong and environmental friendly oxidizer. It is used to bleach textile and paper products, manufacturer or process foodstuffs, minerals, petrochemicals and consumer products (detergent). Also used for industrial waste treatment(detoxification).



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3. Specification

Item	Tech Grade 50%	Tech Grade 35%
APPEARANCE	Colorless Transparent Liquid	Colorless Transparent Liquid
HYDROGEN PEROXIDE	≥50.0%	≥35.0%
FREE ACID	≤0.040%	≤0.040%
NON-VOLATILE MATTER	≤0.08%	≤0.08%
STABILITY	≥97.0%	≥97.0%
C	≤0.035%	≤0.025%
NO3	≤0.025%	≤0.020%
Standard	GB1616-2014.	
Item	Food Grade 35%	
CONCENTRATION	≥35%	
FREE ACID(H ₂ SO ₄)	≤0.04%	
STABILITY	≥98%	
NONVOLATILE	≤0.0006%	
SN	≤0.0010%	
AS	≤0.0001%	
FE	≤0.00005	
PB	≤0.0004	
Standard	GB 22216-2008	



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4.Packaging

20Liter, 25Liter, 30Liter Drums, 200Liter Drums, 1000Liter IBC Drums. ISO Tanks or as per customer's demand.

5.Storage and Handling

Protect packages from damage and keep them well closed. Store in a cool,well ventilated, dry and shaded area. Avoid inhalation, ingestion and contact with eyes and skin.