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Lee & Man Chemical

Product name: Hydrogen Peroxide

Molecular formula: H₂O₂

Appearance: Colorless liquid with mild special smell.

Main uses: Hydrogen Peroxide is used as bleaching agent, sterilize and analytical reagent.

Analytical standard: GB/T 1616-2014

Technical data: Hydrogen Peroxide meets the following chemical specifications :

Standard Item	Grade	27.5%		35%	50%
		Excellent	Pass		
H ₂ O ₂ , wt%≥		27.5	27.5	35.0	50.0
H ⁺ (as H ₂ SO ₄), wt%≤		0.040	0.050	0.040	0.040
Residual, %≤		0.060	0.100	0.08	0.08
Stability, % ≥		97.0	90.0	97.0	97.0
TOC, %≤		0.030	0.040	0.025	0.035
NO ³⁻ , wt%≤		0.020	0.020	0.020	0.025

Packaging and storage: solutions containing 50% or less hydrogen peroxide are packed in dark colored high density polythene tanks, which should contain less than 50 kg hydrogen peroxide solution. 70% hydrogen peroxide is packed in pure aluminum or stainless steel tanks of 50 kg or less capacity, or with passivated stainless steel tank trucks. Hydrogen peroxide should be packed in suitable vented containers and transported without heating and sunlight. It is prohibited to transport or store hydrogen peroxide with flammable chemicals or reducing agents. If the container is leaking, it should be washed with large amount of water.