

Technical Data Sheet

H2O2 35
Hydrogen Peroxide

Hydrogen peroxide is a strong oxidizing agent used in aqueous solution as a ripening agent, bleach, and topical anti-infective. It is relatively unstable and solutions deteriorate over time unless stabilized by the addition of acetanilide or similar organic materials. It is a weak acid. Hydrogen peroxide is unstable, decomposing readily to oxygen and water with release of heat.

Applications:

It is a common oxidant that is used as a bleach in the textile, paper, cellulose, metallurgy and mineral, chemical and dye, food, pharmaceutical, cosmetic, and electronics industries.

Properties	Standard	Value	Units	Test Method
Concentration H2O2	35-36 min	35-36 min	Wt%	INSO 3239
Stability	Max 97	Max 97	Wt%	INSO 3239
Residue on Evaporation	Max 0.05	Max 0.05	Wt%	INSO 3239
Acidity (H2so4)	Max 0.05	Max 0.05	Wt%	INSO 3239
Fe	Max 0.0001	Max 0.0001	Wt%	INSO 3239