

DATE: 2024-2025

Arena Code: AS10159/CHPCO-H2O2 50

Producer and Supplier in the fields of Chemical, Oil, Gas and Petrochemical industries

Technical Data Sheet

H2O2 50

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 <u>oxygen</u> and <u>water</u> 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	50-51 min	50-51 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



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