



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Item	Details
Product Name	Hydrogen Peroxide
Product Number	HP-20260210
Batch Number	HP-SH2026021001
Brand	SIGALD
CAS Number	7722-84-1
MDL Number	MFCD00011333
Formula	H ₂ O ₂
Formula Weight	34.01 g/mol
Concentration	35% (Industrial Grade)
Quality Release Date	10 FEB 2026

Test Results

Test	Specification (Industrial Standard)	Result	Unit	Test Method
Appearance (Color)	Colorless	Colorless	-	Visual Inspection
Appearance (Form)	Clear liquid	Clear liquid	-	Visual Inspection
Assay (H ₂ O ₂)	34.0-36.0%	35.2%	%	Iodometric Titration
Acidity (as H ₂ SO ₄)	≤ 0.05%	0.02%	%	Acid-Base Titration
Stability (6h, 100°C)	≥ 97.0%	98.5%	%	Gravimetric Method
Chloride (Cl ⁻)	≤ 50 ppm	12 ppm	ppm	Silver Nitrate Turbidimetry
Sulfate (SO ₄ ²⁻)	≤ 50 ppm	8 ppm	ppm	Turbidimetric Method
Heavy Metals (Pb)	≤ 5 ppm	0.9 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Iron (Fe)	≤ 1 ppm	0.2 ppm	ppm	Spectrophotometry
Residue on Evaporation	≤ 0.01%	0.003%	%	Gravimetric Method (105°C)
pH Value (25°C)	2.0-4.0	3.1	-	Digital pH Meter

Certification

This batch of Hydrogen Peroxide (35% industrial grade) has been tested in accordance with the established industrial standards and meets all specified requirements for purity, stability and impurity limits. It is qualified for industrial, disinfection and bleaching applications.

Issue Date: 10 FEB 2026