

Certificate of Analysis

Product: Hydrogen Peroxide
CAS#: 7722-84-1
Formula: H₂O₂
MDL: MFCD00011333
EC: 231-765-0

CP-D1505P
Lot: 85CP250915
FW: 34.01 g/mol
Density: 1.11 g/cc

Meets ACS Grade Specifications

TEST	MAXIMUM LIMITS	RESULT
Appearance	Colorless, free of sediment or suspended matter	Pass
Assay	29 - 32%	31.4%
Color (APHA)	10	5
Residue after Evaporation	0.002%	0.0001%
Titrateable Acid	0.0006 meq/g	<0.0006 meq/g
Anions		
Phosphate (PO ₄ ⁻³)	2 ppm	< 1ppm
Nitrate (NO ₃ ⁻)	2 ppm	< 1ppm
Chloride (Cl ⁻)	2 ppm	< 1ppm
Sulfate (SO ₄ ⁻²)	5 ppm	< 0.5ppm
Cations		
Heavy Metals (as Pb)	1 ppm	< 0.1ppm
Iron (Fe)	0.5 ppm	< 0.1ppm
Ammonium (NH ₄ ⁺)	5 ppm	< 1 ppm
Sodium Stannate (stabilizer)	200 – 300 ppb	Pass
Grade	ACS Reagent	
Manufacturing Date		Sept- 2025
Retest Date		Sept - 2027

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