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### Certificate of Analysis

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Product:	Hydrogen Peroxide	CP-D1505P
CAS#	7722-84-1	Lot: 83CP241101
Formula:	H <sub>2</sub> O <sub>2</sub>	FW: 34.01 g/mol
MDL:	MFCD00011333	Density: 1.11 g/cc
EC:	231-765-0	

Meets ACS Grade Specifications

TEST	MAXIMUM LIMITS	RESULT
Appearance	Colorless, free of sediment or suspended matter	Pass
Assay	29 - 32%	31.3%
Color (APHA)	10	5
Residue after Evaporation	0.002%	0.0001%
Titrateable Acid	0.0006 meq/g	<0.0006 meq/g
Anions		
Phosphate (PO <sub>4</sub> <sup>-3</sup> )	2 ppm	< 1ppm
Nitrate (NO <sub>3</sub> <sup>-</sup> )	2 ppm	< 1ppm
Chloride (Cl <sup>-</sup> )	2 ppm	< 1ppm
Sulfate ( SO <sub>4</sub> <sup>-2</sup> )	5 ppm	< 0.5ppm
Cations		
Heavy Metals ( as Pb)	1 ppm	< 0.1ppm
Iron (Fe )	0.5 ppm	< 0.1ppm
Ammonium (NH <sub>4</sub> <sup>+</sup> )	5 ppm	< 1 ppm
Sodium Stannate (stabilizer)	200 – 300 ppb	Pass
Grade	ACS Reagent	
Manufacturing Date		Nov- 2023
Retest Date		Nov - 2025

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