

## Hydrogen Peroxide 30% LM

Assay Parameter	Unit	Specification LM
Assay (H <sub>2</sub> O <sub>2</sub> )	%	30 – 32
Acidity (As H <sub>2</sub> SO <sub>4</sub> )	?eq/g	Max 0.04
Color (APHA)	APHA	6
TMA (Trimethylamine)	ppb	Max 2
Density @25 oC)	g/ml	Max 1.11
Total Carbon (TC)	ppb	Max 20000
Residue after Evaporation (RAE)	ppb	Max 5000
Heavy Metals (HM)	ppb	Max 50
Aluminum (Al)	ppb	Max 1.0
Ammonium (NH <sub>4</sub> )	ppb	Max 2000
Arsenic and Antimony (as As)	ppb	Max 1.0
Barium (Ba)	ppb	Max 1.0
Beryllium (Be)	ppb	Max 1.0
Bismuth (Bi)	ppb	Max 1.0
Boron (B)	ppb	Max 1.0
Cadmium (Cd)	ppb	Max 1.0
Calcium (Ca)	ppb	Max 1.0
Chloride (Cl)	ppb	Max 30
Chromium (Cr)	ppb	Max 1.0
Cobalt (Co)	ppb	Max 1.0
Copper (Cu)	ppb	Max 1.0
Gallium (Ga)	ppb	Max 1.0
Germanium (Ge)	ppb	Max 1.0
Gold (Au)	ppb	Max 1.0
Iron (Fe)	ppb	Max 1.0
Lead (Pb)	ppb	Max 1.0
Lithium (Li)	ppb	Max 1.0
Magnesium (Mg)	ppb	Max 1.0
Manganese (Mn)	ppb	Max 1.0
Molybdenum (Mo)	ppb	Max 1.0
Nickel (Ni)	ppb	Max 1.0
Nitrate (NO <sub>3</sub> )	ppb	Max 300
Phosphate (PO <sub>4</sub> )	ppb	Max 100
Platinum (Pt)	ppb	Max 1.0
Potassium (K)	ppb	Max 1.0
Silicon (Si)	ppb	Max 10

Silver (Ag)	ppb	Max 1.0
Sodium (Na)	ppb	Max 1.0
Strontium (Sr)	ppb	Max 1.0
Sulfate (SO <sub>4</sub> )	ppb	Max 100
Tantalum (Ta)	ppb	Max 1.0
Thallium (Tl)	ppb	Max 1.0
Tin (Sn)	ppb	Max 1.0
Titanium (Ti)	ppb	Max 1.0
Vanadium (V)	ppb	Max 1.0
Zinc (Zn)	ppb	Max 1.0
Zirconium (Zr)	ppb	Max 1.0
Particle Count, 0.2 um	ct/ml	Max 500
Particle Count, 0.5 um	ct/ml	Max 100
Particle Count, 1.0 um	ct/ml	Max 25