

PRODUCT SPECIFICATION SHEET

Hydrogen Peroxide, 30%

Electronic/Semiconductor Grade

Test	Specification	Typical Results
Assay (H ₂ O ₂), %	30 - 32	30 - 32
Free Acid, ueq/g	Max 0.04	Max 0.04
Ammonium (NH ₄), ppb	Max 3000	Max 3000
Chloride (Cl), ppb	Max 500	Max 500
Nitrate (NO ₃), ppb	Max 1000	Max 1000
Phosphate (PO ₄), ppb	Max 1000	Max 1000
Sulfate (SO ₄), ppb	Max 2000	Max 2000
Aluminum (Al), ppb	Max 50	Max 50
Arsenic and Antimony (as As), ppb	Max 10	Max 10
Barium (Ba), ppb	Max 50	Max 50
Beryllium (Be), ppb	Max 10	Max 10
Bismuth (Bi), ppb	Max 20	Max 20
Boron (B), ppb	Max 50	Max 50
Cadmium (Cd), ppb	Max 10	Max 10
Calcium (Ca), ppb	Max 100	Max 100
Chromium (Cr), ppb	Max 10	Max 10
Cobalt (Co), ppb	Max 10	Max 10
Copper (Cu), ppb	Max 10	Max 10
Gallium (Ga), ppb	Max 10	Max 10
Germanium (Ge), ppb	Max 10	Max 10

Gold (Au), ppb	Max 10	Max 10
Iron (Fe), ppb	Max 50	Max 50
Lead (Pb), ppb	Max 20	Max 20
Lithium (Li), ppb	Max 10	Max 10
Magnesium (Mg), ppb	Max 50	Max 50
Manganese (Mn), ppb	Max 10	Max 10
Molybdenum (Mo), ppb	Max 20	Max 20
Nickel (Ni), ppb	Max 10	Max 10
Platinum (Pt), ppb	Max 50	Max 50
Potassium (K), ppb	Max 50	Max 50
Silver (Ag), ppb	Max 10	Max 10
Sodium (Na), ppb	Max 100	Max 100
Strontium (Sr), ppb	Max 20	Max 20
Tantalum (Ta), ppb	Max 20	Max 20
Thallium (Tl), ppb	Max 50	Max 50
Tin (Sn), ppb	Max 50	Max 50
Titanium (Ti), ppb	Max 50	Max 50
Vanadium (V), ppb	Max 10	Max 10
Zinc (Zn), ppb	Max 50	Max 50
Zirconium (Zr), ppb	Max 50	Max 50
Particle Count, 0.5 mm, ct/ml	Max 150	Max 150
Particle Count, 1.0 mm, ct/ml	Max 10	Max 10

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user