



Electronic Chemicals, Inc.

Product Information: Ethylene Glycol Gigabit® Grade

Contaminants	specifications	
Assay (C2H6O2)	99.00	%
Assay (H2O)	0.20	%
Color	10	APHA
Acidity (as CH3COOH)	0.010	%
Specific Gravity at 25C	1.113	1.115
Boiling Point	194.0	200.0 °C
Residue After Ignition	10	ppm
Heavy Metals	40	ppb
Chloride (Cl)	1,000	ppb
Nitrate (NO3)	1,000	ppb
Phosphate (PO4)	1,000	ppb
Sulfate (SO4)	1,000	ppb
Aluminum (Al)	1.00	ppb
Antimony (Sb)	1.00	ppb
Arsenic (As)	1.00	ppb
Barium (Ba)	1.00	ppb
Beryllium (Be)	1.00	ppb
Bismuth (Bi)	1.00	ppb
Boron (B)	1.00	ppb
Cadmium (Cd)	1.00	ppb
Calcium (Ca)	1.00	ppb
Chromium (Cr)	1.00	ppb
Cobalt (Co)	1.00	ppb
Copper (Cu)	1.00	ppb
Gallium (Ga)	1.00	ppb
Germanium (Ge)	1.00	ppb
Gold (Au)	1.00	ppb
Iron (Fe)	1.00	ppb
Lead (Pb)	1.00	ppb
Lithium (Li)	1.00	ppb
Magnesium (Mg)	1.00	ppb
Manganese (Mn)	1.00	ppb
Molybdenum (Mo)	1.00	ppb
Nickel (Ni)	1.00	ppb
Niobium (Nb)	1.00	ppb
Potassium (K)	1.00	ppb
Silicon (Si)	10.00	ppb
Silver (Ag)	1.00	ppb
Sodium (Na)	1.00	ppb
Strontium (Sr)	1.00	ppb
Tantalum (Ta)	1.00	ppb
Thallium (Tl)	1.00	ppb
Tin (Sn)	1.00	ppb
Titanium (Ti)	20.00	ppb
Vanadium (V)	1.00	ppb
Zinc (Zn)	1.00	ppb
Zirconium (Zr)	1.00	ppb
0.5µ Particle Count	100	par/ml
1.0µ Particle Count	20	par/ml

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