



# Specification Report

Printed on: 5-Nov-12

## 421-063986 Standard

Item Code: 421-063986  
Description: Ethylene Glycol Electronic  
Container: CX BASE 150  
Approved on: 24-Feb-2009

Ship to: 421-063986 Standard  
Specification: Standard  
Revision: 1  
Part Number: 421-063986

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Assay (C2H6O2)	99.00		%
Assay (H2O)		0.20	%
Color		10	APHA
Appearance			
Acidity (as CH3COOH)		0.010	%
Specific Gravity at 25C	1.113	1.115	
Boiling Point	194.0	200.0	°C
Boiling Range			
Residue After Ignition		10	ppm
Heavy Metals		200	ppb
Chloride (Cl)		1,000	ppb
Nitrate (NO3)		4,000	ppb
Phosphate (PO4)		4,000	ppb
Sulfate (SO4)		4,000	ppb
Aluminum (Al)		50.0	ppb
Antimony (Sb)		50.0	ppb
Arsenic (As)		50.0	ppb
Barium (Ba)		50.0	ppb
Beryllium (Be)		500.0	ppb
Bismuth (Bi)		500.0	ppb

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Boron (B)		100.0	ppb
Cadmium (Cd)		500.0	ppb
Calcium (Ca)		100.0	ppb
Chromium (Cr)		10.0	ppb
Cobalt (Co)		10.0	ppb
Copper (Cu)		10.0	ppb
Gallium (Ga)		500.0	ppb
Germanium (Ge)		500.0	ppb
Gold (Au)		500.0	ppb
Iron (Fe)		50.0	ppb
Lead (Pb)		200.0	ppb
Lithium (Li)		100.0	ppb
Magnesium (Mg)		50.0	ppb
Manganese (Mn)		50.0	ppb
Molybdenum (Mo)		50.0	ppb
Nickel (Ni)		100.0	ppb
Niobium (Nb)		500.0	ppb
Platinum (Pt)		100.0	ppb
Potassium (K)		100.0	ppb
Silicon (Si)		500.0	ppb
Silver (Ag)		500.0	ppb
Sodium (Na)		200.0	ppb
Strontium (Sr)		500.0	ppb
Tantalum (Ta)		500.0	ppb
Thallium (Tl)		500.0	ppb
Tin (Sn)		100.0	ppb
Titanium (Ti)		50.0	ppb
Vanadium (V)		500.0	ppb

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<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Zinc (Zn)		50.0	ppb
Zirconium (Zr)		500.0	ppb
0.5µ Particle Count		100	par/ml
1.0µ Particle Count		20	par/ml