



Specification Report

Printed on: 5-Nov-12

460-064105 Standard

Item Code: 460-064105
Description: Sulfuric Acid 96% Gigabit®
Container: POLY BOTTLE
Approved on: 10-Sep-2011

Ship to: 460-064105 Standard
Specification: Standard
Revision: 2
Part Number: 460-064105

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Assay (H2SO4)	95.00	97.00	%
Assay (H2O)	3.00	5.00	%
Color		6	APHA
Appearance			
Substance Reducing KMnO4			
Chloride (Cl)		100	ppb
Nitrate (NO3)		100	ppb
Phosphate (PO4)		100	ppb
Aluminum (Al)		2.00	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)		2.00	ppb
Chromium (Cr)		1.00	ppb
Cobalt (Co)		1.00	ppb
Copper (Cu)		1.00	ppb

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Gallium (Ga)		1.00	ppb
Germanium (Ge)		1.00	ppb
Gold (Au)		1.00	ppb
Iron (Fe)		5.00	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)		2.00	ppb
Silicon (Si)		5.00	ppb
Silver (Ag)		1.00	ppb
Sodium (Na)		2.00	ppb
Strontium (Sr)		1.00	ppb
Tantalum (Ta)		1.00	ppb
Thallium (Tl)		1.00	ppb
Tin (Sn)		1.00	ppb
Titanium (Ti)		1.00	ppb
Vanadium (V)		1.00	ppb
Zinc (Zn)		2.00	ppb
Zirconium (Zr)		1.00	ppb
0.065 μ Particle Count		20,000	par/ml
0.100 μ Particle Count		10,000	par/ml
0.150 μ Particle Count		2,000	par/ml
0.2 μ Particle Count		250	par/ml
0.5 μ Particle Count		25	par/ml