



Specification Report

Printed on: 5-Nov-12

405-063919 Standard

Item Code: 405-063919
Description: Ammonium Hydroxide 29% Gigabit®
Container: POLY BOTTLE
Approved on: 2-Nov-2010

Ship to: 405-063919 Standard
Specification: Standard
Revision: 2
Part Number: 405-063919

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Assay (NH3)	28.00	30.00	%
Color		7	APHA
Appearance			
Substance Reducing KMnO4			
Carbon Dioxide (CO2)		3,000	ppb
Chloride (Cl)		100	ppb
Nitrate (NO3)		100	ppb
Phosphate (PO4)		50	ppb
Sulfate (SO4)		100	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

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
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)		5.00	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)		1.00	ppb
Vanadium (V)		1.00	ppb
Zinc (Zn)		1.00	ppb
Zirconium (Zr)		1.00	ppb
0.2µ Particle Count		150	par/ml
0.3µ Particle Count		150	par/ml
0.5µ Particle Count		25	par/ml
1.0µ Particle Count		10	par/ml