



Electronic Chemicals, Inc.

Product Information: Ammonium Hydroxide 29%

GIGABIT® GRADE

Standard Package Information	
Container Type:	Drum
Fill Weight kg	175 kg

Contaminants		specifications	
Assay	NH ₄ OH	28 - 30	%
Color	APHA	< 10	AP
Carbon Dioxide	CO ₂	< 3000	ppb
Chloride	Cl ⁻	< 100	ppb
Phosphate	PO ₄	< 50	ppb
Sulfate	SO ₄ ⁻	< 100	ppb
Aluminum	Al ⁺	< 1	ppb
Antimony	Sb	< 1	ppb
Arsenic	As	< 1	ppb
Barium	Ba	< 1	ppb
Beryllium	Be	< 1	ppb
Bismuth	Bi	< 1	ppb
Boron	B	< 1	ppb
Cadmium	Cd	< 1	ppb
Calcium	Ca	< 1	ppb
Chromium	Cr	< 1	ppb
Cobalt	Co	< 1	ppb
Copper	Cu	< 1	ppb
Gallium	Ga	< 1	ppb
Germanium	Ge	< 1	ppb
Gold	Au	< 1	ppb
Iron	Fe	< 1	ppb
Lead	Pb	< 1	ppb
Lithium	Li	< 1	ppb
Magnesium	Mg	< 1	ppb
Manganese	Mn	< 1	ppb
Molybdenum	Mo	< 1	ppb
Nickel	Ni	< 1	ppb
Niobium	Nb	< 1	ppb
Potassium	K	< 1	ppb
Silicon	Si	< 5	ppb
Silver	Ag	< 1	ppb
Sodium	Na	< 1	ppb
Strontium	Sr	< 1	ppb
Tantalum	Ta	< 1	ppb
Thallium	Tl	< 1	ppb
Tin	Sn	< 1	ppb
Titanium	Ti	< 1	ppb
Vanadium	V	< 1	ppb
Zinc	Zn	< 1	ppb
Zirconium	Zr	< 1	ppb
0.2 Micron Particle Count		< 350	Par/ml
0.5 Micron Particle Count		< 150	Par/ml
1.0 Micron Particle Count		< 25	Par/ml

AMMONIUM HYDROXIDE