



Product Name: Ammonium Solution 29 % Ammoniak 29%

Grade: ULSI

Standard Package Information	
Material Number :	650520
Container Type:	185 L Drum

Contaminants	UM	Specifications	Result
Property			
Assay	%	28 - 30	
Color	Apha	10	
Non-vol	ppm max	2	
Anions			
Chloride (Cl)	ppb	100	
Phospate (PO4)	ppb	100	
Sulphate (SO4)	ppb	500	
Trace Elements			
Aluminum (Al)	ppb max	10	
Antimony (Sb)	ppb max	2	
Arsenic (As)	ppb max	2	
Barium (Ba)	ppb max	2	
Beryllium (Be)	ppb max	2	
Bismuth (Bi)	ppb max	2	
Boron (B)	ppb max	5	
Cadmium (Cd)	ppb max	2	
Calcium (Ca)	ppb max	10	
Chromium (Cr)	ppb max	5	
Cobalt (Co)	ppb max	2	
Copper (Cu)	ppb max	5	
Gallium (Ga)	ppb max	2	
Gold (Au)	ppb max	2	
Iron (Fe)	ppb max	10	
Lead (Pb)	ppb max	2	
Lithium (Li)	ppb max	2	
Magnesium (Mg)	ppb max	10	
Manganese (Mn)	ppb max	2	
Molybdenum (Mo)	ppb max	2	
Nickel (Ni)	ppb max	2	

Potassium (K)	ppb max	10
Silver (Ag)	ppb max	2
Sodium (Na)	ppb max	10
Strontium (Sr)	ppb max	2
Thallium (Tl)	ppb max	5
Tin (Sn)	ppb max	5
Titanium (Ti)	ppb max	5
Vanadium (V)	ppb max	5
Zinc (Zn)	ppb max	10
Zirconium (Zr)	ppb max	5