

# Certificate of Analysis



Date of Release: 9/26/2013  
 Name: Water  
 OmniTrace Ultra(TM), High Purity  
 Item No: WX0003 all size codes  
 Lot / Batch No: 53212  
 Country of Origin: USA

Characteristic	Requirement		Results	Units
	Min.	Max.		
Aluminum (Al)		20	<5	pg/g
Antimony (Sb)		10	<1	pg/g
Arsenic (As)		10	<10	pg/g
Barium (Ba)		10	<0.05	pg/g
Beryllium (Be)		10	<0.01	pg/g
Bismuth (Bi)		10	<0.1	pg/g
Boron (B)		20	<20	pg/g
Cadmium (Cd)		10	<0.1	pg/g
Calcium (Ca)		10	<5	pg/g
Cerium (Ce)		10	<0.01	pg/g
Cesium (Cs)		10	<0.01	pg/g
Chloride (Cl)		1	<1	ppb
Chromium (Cr)		10	<0.1	pg/g
Cobalt (Co)		10	<0.01	pg/g
Color (APHA)		10	<10	
Copper (Cu)		10	<0.1	pg/g
Dysprosium (Dy)		1	<0.01	pg/g
Erbium (Er)		1	<0.01	pg/g
Europium (Eu)		1	<0.01	pg/g
Gadolinium (Gd)		1	<0.01	pg/g
Gallium (Ga)		10	<0.1	pg/g
Germanium (Ge)		10	<0.1	pg/g
Gold (Au)		10	<1	pg/g
Hafnium (Hf)		1	<0.01	pg/g
Holmium (Ho)		1	<0.01	pg/g
Indium (In)		1	<0.01	pg/g
Iron (Fe)		10	<1	pg/g
Lanthanum (La)		1	<0.01	pg/g
Lead (Pb)		10	<0.1	pg/g
Lithium (Li)		10	<0.1	pg/g

Lutetium (Lu)		1	<0.01	pg/g
Magnesium (Mg)		10	<0.5	pg/g
Manganese (Mn)		10	<0.05	pg/g
Mercury (Hg)		20	<20	pg/g
Molybdenum (Mo)		10	<0.05	pg/g
Neodymium (Nd)		1	<0.01	pg/g
Nickel (Ni)		10	<0.5	pg/g
Niobium (Nb)		10	<0.1	pg/g
Palladium (Pd)		10	<0.5	pg/g
Phosphate (PO4)		1	<1	ppb
Platinum (Pt)		10	<0.5	pg/g
Potassium (K)		10	<1	pg/g
Praseodymium (Pr)		10	<0.01	pg/g
Rhenium (Re)		10	<0.01	pg/g
Rhodium (Rh)		10	<0.01	pg/g
Rubidium (Rb)		10	<0.01	pg/g
Ruthenium (Ru)		10	<0.01	pg/g
Samarium (Sm)		10	<0.01	pg/g
Scandium (Sc)		10	<0.5	pg/g
Selenium (Se)		50	<50	pg/g
Silver (Ag)		10	<0.1	pg/g
Sodium (Na)		10	<5	pg/g
Strontium (Sr)		10	<0.05	pg/g
Sulfate (SO4)		1	<1	ppb
Tantalum (Ta)		10	<1	pg/g
Tellurium (Te)		1	<0.1	pg/g
Terbium (Tb)		10	<0.01	pg/g
Thallium (Tl)		10	<0.01	pg/g
Thorium (Th)		1	<0.01	pg/g
Thulium (Tm)		10	<0.01	pg/g
Tin (Sn)		10	<0.1	pg/g
Titanium (Ti)		10	<1	pg/g
Tungsten (W)		10	<1	pg/g
Uranium (U)		1	<0.01	pg/g
Vanadium (V)		10	<0.1	pg/g
Ytterbium (Yb)		10	<0.01	pg/g
Yttrium (Y)		1	<0.01	pg/g
Zinc (Zn)		10	<1	pg/g
Zirconium (Zr)		10	<0.1	pg/g

Gene Desotelle

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Quality Control Manager

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