Product Specification

Material Number: 83877
Material Description: Water
Grade: NORMATOM for trace metal analysis
CAS Number: 7732-18-5
Molecular Mass: 18.02
Molecular Formula: H_2O
Date Specification Set: January 2008

(All batches of this product after this date are tested to this specification. In the unlikely event that the specification is changed a new certificate will be issued)

Characteristics	Specifications
Colouration	10 APHA
Ag (Silver)	max. 50 ppt
Al (Aluminum)	max. 200 ppt
As (Arsenic)	max. 50 ppt
Au (Gold)	max. 50 ppt
B (Boron)	max. 500 ppt
Ba (Barium)	max. 50 ppt
Be (Beryllium)	max. 50 ppt
Bi (Bismuth)	max. 50 ppt
Ca (Calcium)	max. 500 ppt
Cd (Cadmium)	max. 50 ppt
Ce (Cerium)	max. 20 ppt
Co (Cobalt)	max. 50 ppt
Cr (Chromium)	max. 50 ppt
Cs (Cesium)	max. 50 ppt
Cu (Copper)	max. 100 ppt
Dy (Dysprosium)	max. 20 ppt
Er (Erbium)	max. 20 ppt
Eu (Europium)	max. 20 ppt
Fe (Iron)	max. 300 ppt
Ga (Gallium)	max. 50 ppt
Gd (Gadolinium)	max. 20 ppt
Ge (Germanium)	max. 50 ppt
Hf (Hafnium)	max. 10 ppt
Hg (Mercury)	max. 200 ppt
Ho (Holmium)	max. 20 ppt
In (Indium)	max. 50 ppt
K (Potassium)	max. 300 ppt
La (Lanthanum)	max. 20 ppt
Li (Lithium)	max. 50 ppt
Lu (Lutetium)	max. 20 ppt
Mg (Magnesium)	max. 100 ppt
Mn (Manganese)	max. 50 ppt
Mo (Molybdenum)	max. 50 ppt
Na (Sodium)	max. 500 ppt
Nb (Niobium)	max. 50 ppt
Nd (Neodymium)	max. 50 ppt
Ni (Nickel)	max. 50 ppt
Pb (Lead)	max. 50 ppt

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Characteristics	Specifications
Pd (Palladium)	max. 50 ppt
Pr (Praseodymium)	max. 20 ppt
Pt (Platinum)	max. 50 ppt
Rb (Rubidium)	max. 20 ppt
Re (Rhenium)	max. 50 ppt
Rh (Rhodium)	max. 50 ppt
Ru (Ruthenium)	max. 50 ppt
Sb (Antimony)	max. 50 ppt
Sc (Scandium)	max. 50 ppt
Se (Selenium)	max. 200 ppt
Sm (Samarium)	max. 20 ppt
Sn (Tin)	max. 50 ppt
Sr (Strontium)	max. 50 ppt
Ta (Tantalum)	max. 50 ppt
Tb (Terbium)	max. 50 ppt
Te (Tellurium)	max. 50 ppt
Th (Thorium)	max. 10 ppt
Ti (Titanium)	max. 50 ppt
Tl (Thallium)	max. 50 ppt
Tm (Thulium)	max. 20 ppt
U (Uranium)	max. 10 ppt
V (Vanadium)	max. 50 ppt
W (Tungsten)	max. 100 ppt
Y (Yttrium)	max. 10 ppt
Yb (Ytterbium)	max. 20 ppt
Zn (Zinc)	max. 500 ppt
Zr (Zirconium)	max. 50 ppt

Signed on behalf of VWR:

Greg Henson
QA & RA Manager