



**ULTRAPURE**  
**ULTRAPURE & INDUSTRIAL SERVICES, LLC**

Total Service and Support for Water Treatment Systems  
ISO 9001:2008 Certified

**Influent Quality**

Please provide us with the influent values as mg/l as ion unless otherwise stated. It is important to note that the design solution proposed will be based on the values below.

pH, standard units	
Specific Conductance, at 25 °C, $\mu\text{S}/\text{cm}$	
Alkalinity, "P", as $\text{CaCO}_3$	
Alkalinity, "M", as $\text{CaCO}_3$	
Sulfur, Total, as $\text{SO}_4$	
Chloride, as Cl	
Hardness, Total, as $\text{CaCO}_3$	
Calcium Total hardness as $\text{CaCO}_3$ , ppm	
Magnesium Total hardness as $\text{CaCO}_3$ , ppm	
Barium, Total, as Ba	
Strontium, Total, as Cu	
Total Chlorine	
Free Chlorine	
Iron, Total, as Fe	
Iron, Dissolved, as Fe	
Sodium, as Na	
Potassium, as K	
Ammonia, as $\text{NH}_3$	
Aluminum, Total, as Al	
Manganese, Total, as Mn	
Nitrate, as $\text{NO}_3$	
Nitrite, as $\text{NO}_2$	
Phosphate, Total, as $\text{PO}_4$	
Phosphate, Total inorganic, as $\text{PO}_4$	
Phosphate, Ortho-, as $\text{PO}_4$	

*Continued Page -2*





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Reactive Silica, Total, as SiO <sub>2</sub>	
Colloidal Silica, Total, as SiO <sub>2</sub>	
Fluoride, as F	
Boron, as B	
Hydrogen Sulfide, as H <sub>2</sub> S, ppm	
CO <sub>2</sub>	
Total Organic Carbon (TOC)	
Dissolved Organic Carbon (DOC)	
Color, TCU	
Turbidity, NTU	
Total Suspended Solids	
Total Dissolved Solids	
Silt Density Index	
Feed Water Source	

**Note:**

If data for any parameter is not reported, it will be assumed to be 0 (zero)

