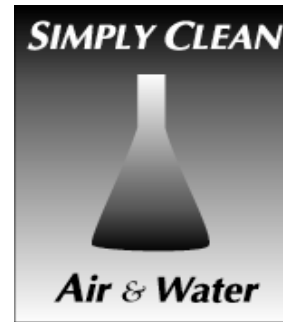


# QUALITY COMPARISON CHART

Typical Quality	Conductivity micromhos 25 deg. C	TDS PPM NaCl	Resistivity ohms/cm 25 deg. C	Resistivity megohms 25 deg. C	Various Standards
PUBLIC WATER SUPPLY	1000.000	500.000	1,000	N/A	SDWR Safe Drinking Water
	500.000	250.000	2,000	N/A	
	333.000	167.000	3,000	N/A	
	250.000	125.000	4,000	N/A	
	200.000	100.000	5,000	N/A	
NANO FILTRATION	167.000	83.300	6,000	N/A	
	143.000	71.400	7,000	N/A	
	125.000	62.500	8,000	N/A	
	111.000	55.600	9,000	N/A	
	100.000	50.000	10,000	0.01	
DUAL BED IX SAC/WBA	50.000	25.000	20,000	0.02	
	33.000	16.700	30,000	0.03	
	25.000	12.500	40,000	0.04	
	20.000	10.000	50,000	0.05	
	16.700	8.330	60,000	0.06	
	14.300	7.140	70,000	0.07	
	12.500	6.250	80,000	0.08	
	11.100	5.560	90,000	0.09	
	10.000	5.000	100,000	0.1	
	5.000	2.500	200,000	0.2	
REVERSE OSMOSIS	3.330	1.670	300,000	0.3	
	2.500	1.250	400,000	0.4	
	2.000	1.000	500,000	0.5	
	1.670	0.833	600,000	0.6	
	1.430	0.714	700,000	0.7	
	1.250	0.625	800,000	0.8	
	1.110	0.556	900,000	0.9	
	1.000	0.500	1,000,000	1	
	0.500	0.250	2,000,000	2	
	0.330	0.167	3,000,000	3	
DUAL BED SAC/SBA IX ULTRA PURE	0.250	0.125	4,000,000	4	
	0.200	0.100	5,000,000	5	
	0.167	0.083	6,000,000	6	
	0.143	0.071	7,000,000	7	
	0.125	0.063	8,000,000	8	
	0.111	0.056	9,000,000	9	
	0.100	0.050	10,000,000	10	
	0.910	0.046	11,000,000	11	
	0.840	0.042	12,000,000	12	
	0.077	0.038	13,000,000	13	
TWIN TRAIN DUAL BED IX	0.072	0.036	14,000,000	14	
	0.067	0.033	15,000,000	15	
	0.063	0.031	16,000,000	16	
	0.059	0.029	17,000,000	17	
	0.056	0.028	18,000,000	18	
	0.100	0.050	10,000,000	10	
	0.910	0.046	11,000,000	11	
	0.840	0.042	12,000,000	12	
	0.077	0.038	13,000,000	13	
	0.072	0.036	14,000,000	14	
RO/EDI	0.067	0.033	15,000,000	15	
	0.063	0.031	16,000,000	16	
	0.059	0.029	17,000,000	17	
	0.056	0.028	18,000,000	18	
	0.100	0.050	10,000,000	10	
	0.910	0.046	11,000,000	11	
	0.840	0.042	12,000,000	12	
	0.077	0.038	13,000,000	13	
	0.072	0.036	14,000,000	14	
	0.067	0.033	15,000,000	15	
MB IX SAC/SBA	0.059	0.029	17,000,000	17	
	0.056	0.028	18,000,000	18	



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BACTERIA COLONIES per mL	
1000	NCCLS Type II
500	
250	
100	USP, E-4, SDWR
50	
10	UPS (WFI), E-3 ASTM Type III, NCCLS=0-10
1	
0.1	ASTM Type II E-2
0.01	ASTM Type I
0.001	SEMI, E-1

### ABBREVIATION GUIDE

USP U.S. Pharmaceutical Association

SEMI Semiconductor Equipment and Materials International

E-I through IV ASTM D-19 Electronic Grade

NCCLS National Committee for Chemical Laboratory Standards

ASTM D-1193 American Standard Testing Methods for chemical analysis & physical testing

SDWR Safe Drinking Water Regulation

Charts are provided as a reference tool. Standards subject to change and interpretation.

Please consult a professional before making treatment decisions.



RO=Reverse Osmosis, IX=ion exchange, EDI=electro de-ionization, MB=mixed bed