



**pH and ORP values of BiosafeSystems Liquid Products
 at Different Dilution Rates**

**OxiDate[®] 2.0, StoRox[®] 2.0, SaniDate[®] 2.0
 ZeroTol[®] 2.0 and GreenClean[®] Liquid
 (27% H2O2 and 2% PAA)**

Treatment	µL per 100 mL	Distilled Water		Pond Water		Well Water		Average	
		pH	ORP	pH	ORP	pH	ORP	pH	ORP
Untreated	0	6.3	347	6.8	-119	7.68	337	6.93	188
1:10,000	10	4.52	446	6.68	0	7.55	293	6.25	246
1:5000'	10	4.29	457	6.57	37	7.4	297	6.09	264
1:2000'	30	4	468	6.31	199	7.05	308	5.79	325
1:1000'	50	3.78	476	5.96	350	6.64	322	5.46	383
1:500'	100	3.54	486	5.38	399	5.87	354	4.93	413
1:300'	133	3.37	490	5.02	418	5	394	4.46	434
1:200'	167	3.21	495	4.72	429	4.55	416	4.16	447
1:100'	500	2.98	501	4.27	450	3.96	444	3.74	465
1:50'	1000	2.74	511	3.79	466	3.37	470	3.30	482

TerraClean 5.0 (27% H2O2 and 5.0% PAA)

Treatment	µL per 100 mL	Distilled Water		Pond Water		Well Water		Average	
		pH	ORP	pH	ORP	pH	ORP	pH	ORP
Untreated	0	6.18	253	7.02	70	7.8	380	7.00	234
1:10,000	10	3.47	466	6.38	326	6.95	353	5.60	382
1:5000'	10	3.35	473	5.71	422	6.36	376	5.14	424
1:2000'	30	3.29	478	5.16	455	5.44	415	4.63	449
1:1000'	50	3.22	482	4.71	477	4.57	455	4.17	471
1:500'	100	3.08	491	4.38	492	4.09	479	3.85	487
1:300'	133	2.98	497	4.11	504	3.8	491	3.63	497
1:200'	167	2.87	504	3.9	514	3.58	500	3.45	506
1:100'	500	2.72	512	3.57	527	3.25	514	3.18	518
1:50'	1000	2.55	521	3.2	544	2.92	529	2.89	531

SaniDate 5.0 (23.0% H2O2 and 5.3% PAA)

Treatment	µL per 100 mL	Distilled Water		Pond Water		Well Water		Average	
		pH	ORP	pH	ORP	pH	ORP	pH	ORP
Untreated	0	6.5	347	6.7	-149	7.64	322	6.95	173
1:10,000	10	4.23	446	6.46	10	7.26	335	5.98	264
1:5000'	10	4.03	457	6.24	85	6.99	343	5.75	295
1:2000'	30	3.74	468	5.72	381	6.39	365	5.28	405
1:1000'	50	3.57	476	5.18	438	5.4	406	4.72	440
1:500'	100	3.35	486	4.7	466	4.54	445	4.20	466
1:300'	133	3.19	490	4.38	476	4.14	464	3.90	477
1:200'	167	3.06	495	4.14	485	3.86	473	3.69	484
1:100'	500	2.87	501	3.75	500	3.44	493	3.35	498
1:50'	1000	2.63	511	3.34	515	3.02	510	3.00	512

SaniDate 12.0 (18.5% H2O2 and 12.0% PAA)

Treatment	µL per 100 mL	Distilled Water		Pond Water		Well Water		Average	
		pH	ORP	pH	ORP	pH	ORP	pH	ORP
Untreated	0	6.34	185	6.73	-201	7.65	171	6.91	52
1:10,000	10	4.04	470	6.21	23	6.94	386	5.73	293
1:5000'	10	3.83	493	5.8	305	6.51	411	5.38	403
1:2000'	30	3.54	523	5.04	472	5.2	466	4.59	487
1:1000'	50	3.33	535	4.63	469	4.45	471	4.14	492
1:500'	100	3.05	540	4.16	498	3.9	498	3.70	512
1:300'	133	2.85	543	3.86	514	3.54	512	3.42	523
1:200'	167	2.68	548	3.61	528	3.27	525	3.19	534
1:100'	500	2.45	556	3.13	551	2.8	546	2.79	551
1:50'	1000	2.18	566	2.6	576	2.41	563	2.40	568







