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Table 4: The following table shows the percent reductions for each test organism that the ozonated water achieved (Container #1) when compared to plain water (Container #2).

Test Organism	Percent Reduction
<i>Escherichia coli</i>	100
<i>Streptococcus pyogenes</i>	54
<i>Salmonella typhimurium</i>	46
<i>Staphylococcus aureus</i>	34
<i>Candida albicans</i>	94
<i>Aspergillus brasiliensis</i>	66

Discussion: The concentration of ozone in container #2 ranged from 0.87 to 0.95 ppm depending on the heat and humidity in the room as the EcoWasherPro (7H-ECO-01) draws from ambient air. Parameters such as heat, humidity, flow rate, etc. will all effect what the concentration of ozone in the water will be. While it is clear that each organism in the study was reduced by the ozone, two of them had prominent reductions while the other four had much less reductions at 0.87 to 0.95 ppm ozone.

Test Performed by: Dr Gholamreza Zahedi, Dr George Kraft

Reference

[1]. http://www.ozonesolutions.com/products/Ozone-Monitors/Dissolved-Ozone/UV-106W_Dissolved_Ozone_Analyzer).

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