

# Clinical Testing of



## 1. Time Kill Study

**Conducted by an independent lab:  
Loricon Testing Service, Inc.**

A sample of Water Journey®'s Hands2GO was submitted for microbiological evaluation and standard time kill test at 30 seconds, 1 minute, and 2 minutes.

The results indicate Hands2GO reduced to 99.99% or 2 log bacteria tested at 30 seconds contact time. The following bacteria and fungi were killed:

Staph Aureus, Pseudomonas Aeruginosa, Aspergillus Aeruginosa,  
Aspergillus Niger, Candida Albicans, and E. Coli.

Hands2GO passes USP XXIII Challenge testing.

The testing is summarized below:

Bacteria	Contact Time	Initial Concentration In Sample	CFU's/ml of Test Organism Recovered at Time (Seconds)	Percent Reduction
P. aeruginosa ATTC 15442	30 seconds	$2.7 \times 10^7$	Less than 10	99.99%
	1 minute	$2.7 \times 10^7$	Less than 10	99.99%
	2 minutes	$2.7 \times 10^7$	Less than 10	99.99%
S. aureus ATCC 6538	30 seconds	$2.5 \times 10^7$	Less than 10	99.99%
	1 minute	$2.5 \times 10^7$	Less than 10	99.99%
	2 minutes	$2.5 \times 10^7$	Less than 10	99.99%
E. coli ATCC 8739	30 seconds	$4.7 \times 10^7$	Less than 10	99.99%
	1 minute	$4.7 \times 10^7$	Less than 10	99.99%
	2 minutes	$4.7 \times 10^7$	Less than 10	99.99%

## 2. Sensitivity Testing

**Conducted by an independent lab:  
Consumer Product Testing Co.**

Fifty subjects, male and female, ranging in age from 18 to 76 years, participated and completed a study to determine skin sensitivity to Hands2GO.

The participants wore a patch soaked with Hands2GO for a 24-hour period. This procedure was followed three times a week for a total of 10 applications. At the conclusion of a 14-day rest period following the 10<sup>th</sup> application, a challenge patch was applied to the original site and to a virgin site. The sites were evaluated at 24 and 48 hours after application.

Using a scale of 0-4, with 0 being no visible reaction and 4 being erythema and edema with vesiculation and ulceration, **all participants in the study (during the entire length of the study) were rated 0 and "had no visible reaction"**.