

## Product Description:

**DK-II-TWC** is a new innovative highly concentrated pre-milking teat wash concentrate. The combination of Ike-Joe and hydrogen peroxide (FDA GRAS ingredients) makes for a very safe and effective product for the farm and animal care industry. DK-II-TWC is non-toxic and non-hazardous. DK-II-TWC is produced following Current Good Manufacturing Practices (CGMP). Dilute DK-II-TWC through SCGS' Master J Teat Wash system. Dilution range makes DK-II-TWC very economical for the farmer.

## Lab Test 1: Udder Health Systems, Inc - Germicide European Standard EN1040 test:

**Test Objective:** a fresh accurately quantitated concentration of each of the test organism growth is created to expose to the Germicide test products. These are suspended in a liquid media at a concentration sufficiently high to allow for measurement of a 5-log reduction in the exposure time of 60-seconds and room temperature (22C).

Parameters	Dilution	Staph aureus	E. coli	Strep uberis
Control #'s		7.9	7.65	7.52
DK-II-TWC	16:1	0.0	0.0	0.0
Log Reduction		>6.72	>6.47	>6.34

**Conclusion:** All of the test Germicide Products demonstrated a greater than 5-log reduction in 60-second contact time. (for more details, go to [SCGsolutionsinc.com](http://SCGsolutionsinc.com) under DK-II-TWC and test tab UH-EN1040). DK-TW-LO is name on test report. DK-II-TWC is SGCS' market name for product.

## Lab Test 2: Udder Health Systems, Inc - Germicide European Standard EN1656 test:

**Test Objective:** a fresh accurately quantitated concentration of each of the test organism growth is created to expose to the Germicide test products. These are suspended in a liquid media at a concentration sufficiently high to allow for measurement of a 5-log reduction in the exposure time of 60 & 30-seconds and room temperature (22C) with a milk challenge using 10% skimmed milk..

Parameters	Seconds	Dilution	Staph aureus	E. coli	Strep uberis
Control #'s			7.79	7.64	7.61
DK-II-TWC	30	16:1	2.87	2.31	1.18
Log Reduction			4.92	5.33	>6.43
DK-II-TWC	60	16:1	1.87	1.18	1.18
Log Reduction			>5.92	>6.46	>6.43

**Conclusion:** All of the test Germicide Products demonstrated a greater than 5-log reduction in in the concentration of all the test organisms except Staph aureus at 30-seconds. (for more details, go to [scgsolutionsinc.com](http://scgsolutionsinc.com) under test tab UH-EN1656). DK-TW-LO is name on test report. DK-II-TWC is SGCS' market name for product.

*Using New Age Technology to Solve Today's Sanitation & Animal Care Challenges*