

**AIRX<sub>75</sub>****ANTIBACTERIAL HEAVY DUTY  
DISINFECTANT CLEANER WIPES**

EPA REG. NO. 1839-174-44089 • EPA EST. NO. 10088-WI-2

**Efficacy  
Data****VIRUCIDAL DATA:****Test Method:** Pre-saturated or Impregnated Towelette for Virucidal Effectiveness (Based on U.S. E.P.A. Pesticide Assessment Guidelines, Subdivision G: Product Performance, Section 91-2(f), and Section 91-30 (d), (e), November, 1982.)**Test Conditions:** 5% organic soil load, room temperature, glass petri dish substrates, contact time (see below)**Results:**

TEST ORGANISM	SAMPLE	TITER REDUCTION	EXPRESSED LIQUID CONTROLS	CONTACT TIME
Feline Calicivirus (FCV)	A	5.83 log <sub>10</sub>	No growth	10 minutes
	B	5.83 log <sub>10</sub>	No growth	
Human Immunodeficiency Virus, HTLV-IIIB, strain of HIV-1 (associated with AIDS)	A	3.25 log <sub>10</sub>	No growth	2 minutes
	B	3.25 log <sub>10</sub>	No growth	
Norovirus (Norwalk Virus) (FCV)	A	5.83 log <sub>10</sub>	No growth	10 minutes
	B	5.83 log <sub>10</sub>	No growth	

**Conclusion:** Under the conditions of this investigation, AIRX 75 Wipes is virucidal for Feline Calicivirus (FCV), Human Immunodeficiency Virus (HIV-1), and Norovirus (Norwalk Virus) according to criteria established by the U. S. Environmental Protection Agency for registration and labeling of a disinfectant product as a virucide.**TUBERCULOCIDAL DATA:****Test Method:** Pre-Saturated or Impregnated Towelettes for Tuberculocidal Effectiveness (Modified AOAC Confirmative In Vitro Test for Determining Tuberculocidal Activity)**Test Organism:** *Mycobacterium bovis*, BCG (Organon Teknika)**Test Conditions:** 5% organic soil load, room temperature, 10 minute contact time, glass slide carrier substrates, 90 day incubation period.**Results:**

SUBCULTURE MEDIA	SAMPLE	No. of Carriers		EXPRESSED LIQUID CONTROLS
		EXPOSED	SHOWING GROWTH	
Modified Proskauer Beck Medium containing 7% Polysorbate 80 and 1% lecithin	A	10	0	No growth
	B	10	0	No growth
Modified Proskauer-Beck Medium	A	10	0	No growth
	B	10	0	No growth
Middlebrook 7H9 Broth	A	10	0	No growth
	B	10	0	No growth
Kirchner Medium	A	10	0	No growth
	B	10	0	No growth

**Conclusion:** Under the conditions of this investigation, AIRX 75 Wipes is **tuberculocidal** for *Mycobacterium bovis* (BCG) according to criteria established by the U.S. Environmental Protection Agency for registration and labeling of a disinfectant product as a tuberculocide.

## BACTERICIDAL DATA:

**Test Method:** Draft Interim Guidance for Non-Residual Sanitization of Hard Inanimate Food Contact Surfaces Using Pre-Saturated Towelettes.

**Test Conditions:** 5% organic soil load, 10 minute contact time, room temperature, glass slide carrier substrates.

### Results:

ORGANISM	SAMPLE	No. of Carriers		
		EXPOSED	POSITIVE	EXPRESSED LIQUID CONTROLS
<i>Staphylococcus aureus</i> (ATCC 6538)	A	10	0	No growth
	B	10	0	No growth
<i>Salmonella choleraesuis</i> (ATCC 10708)	A	10	0	No growth
	B	10	0	No growth
<i>Pseudomonas aeruginosa</i> (ATCC 15442)	A	10	0	No growth
	B	10	0	No growth
<i>Escherichia coli</i> (ATCC 11229)	A	10	0	No growth
	B	10	0	No growth
<i>Escherichia coli</i> O157:H7 (ATCC 43895)	A	10	0	No growth
	B	10	0	No growth
Methicillin resistant <i>Staphylococcus aureus</i> (MRSA) (ATCC 33593)	A	10	0	No growth
	B	10	0	No growth
Vancomycin resistant <i>Enterococcus faecalis</i> (VRE) (ATCC 51575)	A	10	0	No growth
	B	10	0	No growth
Vancomycin intermediate resistant <i>Staphylococcus aureus</i> (VISA) (CDC Isolate 99286)	A	10	0	No growth
	B	10	0	No growth

**Conclusion:** Under the conditions of this investigation, AIRX 75 Wipes is **bactericidal** for *Staphylococcus aureus*, *Salmonella choleraesuis*, *Pseudomonas aeruginosa*, *Escherichia coli*, *Escherichia coli* O157:H7, Methicillin resistant *Staphylococcus aureus* (MRSA), Vancomycin resistant *Enterococcus faecalis* (VRE) and Vancomycin intermediate resistant *Staphylococcus aureus* (VISA) according to criteria established by the U. S. Environmental Protection Agency for registration and labeling of a disinfectant product as a bactericide.