

**Wellisair: Efficiency against Salmonella & Klebsiella & MRSA**

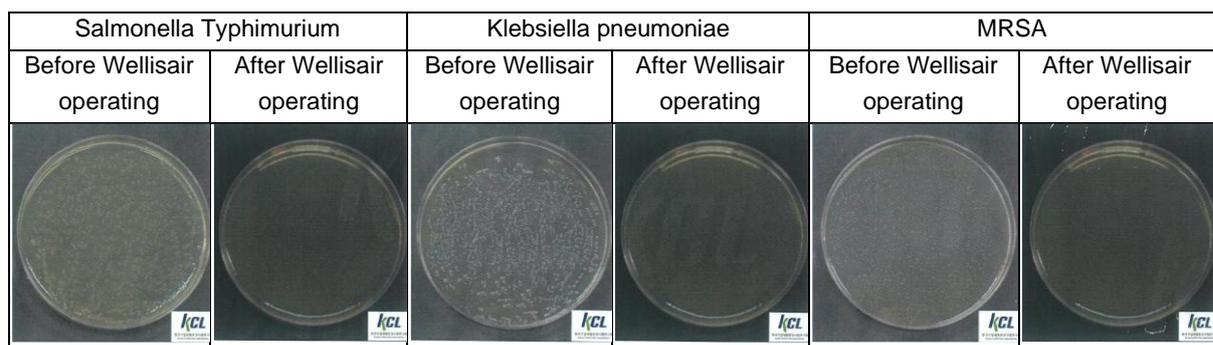
**Bacteria test report (n° 027129):** March 24th, 2016 Korea Conformity Laboratories (KCL).

**Scope:** measure the effectiveness of Wellisair for the surface disinfection against **Salmonella Typhimurium** (bacteria causing diarrhoea, abdominal pain, vomiting and nausea, which can be fatal), against **Klebsiella pneumoniae** (bacteria causing urinary tract infections, pneumonia, sepsis, soft tissue infections, and surgical wound infections) and against **MRSA** (bacteria contracted in hospitals through the insertion of a ventilator tube in the patient that produces a nosocomial pneumonia, a disease that can be fatal).

**Procedure:**

- Test Method: measure the reduction rate of different bacteria for 4 hours with a distance between the medium inoculated with the strain and the sample of 5cm.
- Test Conditions: 37°C 33,1% R.H.

**Results:**



Test Items		Test Results		
		Early (CFU/mL)	After 4 h (CFU/mL)	Reduction rate (%)
Salmonella Typhimurium	No treatment	1,6x10 <sup>4</sup>	1,6x10 <sup>4</sup>	-
	Wellisair treatment	1,6x10 <sup>4</sup>	<10	99,9%
Klebsiella pneumoniae	No treatment	2,0x10 <sup>4</sup>	2,0x10 <sup>4</sup>	-
	Wellisair treatment	2,0x10 <sup>4</sup>	<10	99,9%
MRSA	No treatment	1,2x10 <sup>4</sup>	1,2x10 <sup>4</sup>	-
	Wellisair treatment	1,2x10 <sup>4</sup>	<10	99,9%

**Conclusions:** Wellisair air disinfection was able to reduce 99,9% of the initial surface concentration of Salmonella, Klebsiella and MRSA microbes after 4 hours of treatment.