

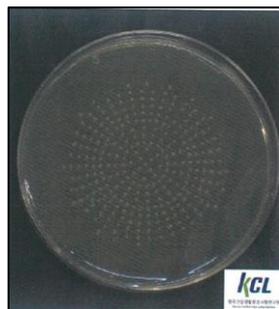
Wellisair: Efficiency against Methicillin Resistant Staphylococcus Aureus (MRSA)

Bacteria test report (n° 027131): March 24th, 2016 Korea Conformity Laboratories (KCL).

Scope: measure the effectiveness of the Wellisair for the disinfection against MRSA (Methicillin Resistant Staphylococcus Aureus), 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 MRSA after injecting a constant concentration of bacteria inside a Test chamber of 8m³ for 4 hours.
- Measurement equipment: air sampler system MAS-100NT.
- Test Conditions: 23°C 50,2% R.H.



Before Wellisair operating



After Wellisair operating

Results:

MRSA airborne concentration decay			
Time	Before Wellisair operating	After Wellisair operating	
	Microbes (CFU/m ³)	Microbes (CFU/m ³)	Reduction (%)
4h	1,0x10 ⁴	<10	99,9%

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