

Wellisair: Efficiency against Klebsiella pneumoniae

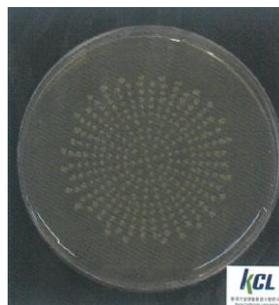
Bacteria test report (n° 027130): March 24th, 2016 Korea Conformity Laboratories (KCL).

Scope: measures the effectiveness of Wellisair for the disinfection against airborne microbes of Klebsiella pneumoniae (bacteria causing urinary tract infections, pneumonia, sepsis, soft tissue infections, and surgical wound infections).

Procedure:

- Test Method: measure the reduction rate of Klebsiella pneumoniae 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 50,1% R.H.

Results:



Before Wellisair operating



After Wellisair operating

Klebsiella pneumoniae airborne concentration decay			
Time	Before Wellisair operating	After Wellisair operating	
	Microbes (CFU/m ³)	Microbes (CFU/m ³)	Reduction (%)
4h	1,2x10 ⁴	<10	99,9%

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