



ANALYSIS REPORT No. IAC-R11-0754-1-A01

Amendment to the IAC-R11-0754-1 Analysis Report

History amendments

Edition	Dated	Description of amendment	paragraphs concerned
01	03/08/2011	Simplify the page layout on a page and integrate the percentages on the results table	results

**ANALYSIS REPORT No. IAC-R11-0754-A01****Amendment to the IAC-R11-0754 Analysis Report****Business :** BEEWAIR**Address :** 3 alley TEPPE BP 6003
71012 MACON CEDEX FRANCE**To the attention of :** Mrs. Chardigny

File number	: 2011-0754
Order number	: 112207-1 + 112207-2
Date Order	: 22/07/2011
Date samples received	: 04/07/2011

Date Issue Report: 3-Aug-11Report Writer
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Date early tests: 08/07/2011

Date end of the tests: 22/07/2011

Purpose of the study :

Study of the effectiveness of decontamination in air

Customer Reference samples :

BW60

Analysis Protocol :

Contact Time: 1 hour, 2 hours, 4 hours Bacteria

- : *Staphylococcus aureus*
- Escherichia coli*
- Total germs (Bacteria) Mold

air manifold: Samp'l'air (AES Chemunex) Total volume of collected air: 60 m³ for total bacteria and molds

75 m³ for pathogens (*S.aureus* and *E.coli*)

An ambient air negative control is prepared without using BW60.

Analysis results :

Counting in UFC	T0	1H	Reduction logarithmic%	2H	Logarithmic reduction	4H	Reduction logarithmic%
negative control	/	1.2 10E4	/	2.0 10E4	/	3.5 10E4	/
bacteria	/	20	2.8 > 95	17	3.1	22	3.2 > 99.9
molds	/	46	2.4 > 95	18	3.0	24	3.2 > 99.9
S.aureus	1.2 10E5	17	3.9 > 99.9 /		/	18	3.8 > 99.9
E.coli	1.6 10E5	2	4.9 > 99.9 /		/	4	4.6 > 99.9

CFU = colony forming unit

Conclusion :

The device BW60 showed a significant reduction in microbial viability in 1 hour, 2 hours and 4 hours of contact for total bacteria, mold and the intended pathogens and a volume of at least 60 m³ for total bacteria and mold.

END OF REPORT