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**GISSEL
INSTITUT**
FÜR BAKTERIOLOGIE UND HYGIENE
ÜBER 50 JAHRE IM AUFTRAG DER GESUNDHEIT
LABORATORIUM FÜR BAKTERIOLOGIE
UND LEBENSMITTELHYGIENE

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Nach DIN EN ISO/IEC 17025
durch die DAP Deutsche Akkreditierungssystem Friedrichshagen GmbH
akkreditiertes Prüflaboratorium.
Die Akkreditierung gilt für die
in der Urkunde aufgelisteten
Inhaltsstoffe.

GISSEL INSTITUTE
FOR BACTERIOLOGY AND HYGIENE
OVER 50 YEARS OF SERVICE IN THE HEALTH SECTOR

LABORATORY FOR BACTERIOLOGY
AND FOOD HYGIENE

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DAR German Accreditation Council
Analysis laboratory accredited by the DAP German Accreditation System for
Testing according to DIN EN ISO/IEC 17025. The accreditation applies for the
analysis procedures listed in the certificate.

Sehnde, 25.02.2011

Product analysis: Interior paint Colour sample HX2: Bioni Hygienic

File number: H1100723
Date of reception: 14.01.2011
Packaging: plastic container
Number of samples: 1
Temperature at reception: room temperature

Test order:

The sample was sent to the Institute by the contracting body to check if the product inhibits the microbiological growth of *E. coli*, *Pseudomonas aeruginosa* and *Listeria monocytogenes*. For this purpose, the sample was inoculated with germ suspensions and the growth was measured 1 hour and 4 days after inoculation.

Analysis start: 14.01.2011 **Analysis end:** 18.02.2011

Bacteriological analysis

The bacteriological analysis was performed solely according to standardised and validated analysis methods.

Total number of aerobic germs <math>< 1.0 \times 10^1</math> CFU/g
Method: Plate count agar, 3 days at 30 °C

Other analyses

see Appendix

Checked for accuracy and plausibility:



The test report was generated electronically

Sender: Bioni CS
File number: H1100723

Creating the samples	Reading the plates	E. coli	Pseudomonas aeruginosa	Listeria monocytogenes
1 hour after inoculation	24h	very isolated	not detectable	moderate
	48h	moderate	not detectable	increased
4 days after inoculation	24h	not detectable	not detectable	not detectable
	48h	not detectable	not detectable	not detectable

The test results only refer to the analysed samples.

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Assessment:

not detectable = no growth
 very isolated = < 4 colonies
 isolated = 4 - 10 colonies
 moderate = 10 - 40 colonies
 slightly increased = 40 - 100 colonies
 increased = >100 colonies