



# K I C M

## KOREA INSTITUTE OF CONSTRUCTION MATERIALS

(THE CENTER OF FAR INFRARED · WELLBEING MATERIALS)

Add. : 1465-4, Seocho-3Dong, Seocho-Ku, Seoul, Korea

Tel. : 3415-8880~81, URL : www.kicm.re.kr

### Certificate of Testing Result

Serial No. of Issue : F A B - 6 1 4

Name of Applicant : Koag, Tae-Won [KLENZ Co., Ltd.]

Address of Applicant : 192-1, Chuneui-Dong, Wonmi-Gu, buchon-City, Kyoungki-Do, Korea

Date of Receipt : Oct. 17. 2005

Name of Test Sample : Shoes deodorizing, sterilizing and drying machine

### Result of Testing

Item of test		Result of Testing			Test Method
		Early Conc. (CFU/40p)	After 1hr. Conc. (CFU/40p)	Reduction rate of bacteria(%)	
Antibacterial test for <i>Escherichia coli</i>	BLANK	4 2 6	4 2 6	-	Client's requirement method
	Shoes deodorizing, sterilizing and drying machine	4 2 6	1	9 9 . 8	
Antibacterial test for <i>Pseudomonas aeruginosa</i>	BLANK	4 1 9	4 1 9	-	
	Shoes deodorizing, sterilizing and drying machine	4 1 9	1	9 9 . 8	

End.

※ Name of test bacteria

*Escherichia coli* ATCC 25922

*Pseudomonas aeruginosa* ATCC 15442

※ Refer to the enclosed

※ Object of Test : Quality Control

1. This Test Report is the result of testing specimen and the name of sample provided by the applicant. But we do not guarantee the quality of entire product.
2. This Test Report is not able to be by public relation, advertisement, lawsuit without consent with KICM and this is not used except original purpose.
3. The term of duplicate's issue is a half year from the date of issue. And the manuscript is invalidated.

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Dec. 19 2005  
month day year

Signed

The general manager of Korea  
Institute of Construction Materials





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### Certificate of Testing Result

Serial No. of Issue : F I D - 5 8 5

Name of Applicant : Koag, Tae-Won [KLENZ Co., Ltd.]

Address of Applicant : 192-1, Chuneui-Dong, Wonmi-Gu, Buchon-City, Kyoungki-Do, Korea

Date of Receipt : Oct. 18. 2005

Name of Test Sample : Shoes Deodorizing, Sterilizing and Drying Machine

### Result of Testing

Item	Test of Deodorization (NH <sub>3</sub> )			
	Passed Time (min)	Conc. of Blank (ppm)	Conc. of Test Sample (ppm)	Rate of Deodorization(%)
Result	0	5 0	5 0	-
	1 5	4 8	4	9 1 . 7
	3 0	4 7	3	9 3 . 6
	6 0	4 5	1	9 7 . 8
	9 0	4 3	1	9 7 . 7
Test Method	Method provided by client : After injecting NH <sub>3</sub> gas into the shoes deodorizing, sterilizing and drying machine provided by client, the conc. of NH <sub>3</sub> gas is measured.			

Note 1) After turning off the shoe sterilizer, the blank test was measured. End.

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Nov. 02 2005

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Signed

The general manager of Korea Institute of Construction Materials

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