

KICM

KOREA INSTITUTE OF CONSTRUCTION MATERIALS

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

Tel. : 3415-8880~81 Fax. : 3415-8877 Url : www.kicm.re.kr

Certificate of Testing Result

Sample No. of Issue : R090914-FW003
 Name of Applicant : Hong, Eun-Ju [Eugene D&D]
 Address of Applicant : SinhanNeckstel B/D 415, Doseon-dong, Seongdong-gu, Seoul, Korea.
 Date of Receipt : Sep. 14. 2009
 Name of Test Sample : Ionizer/EUG-1000

Result of Testing

Test of Deodorization	
Gas	NH ₃
Conc. of Blank (ppm)	1 0
Conc. of Test Sample (ppm)	0.5
Rate of Deodorization(%)	9 5
Test Method	Test Method of Provided by Applicant (refer to the attachment)

-next-

* Object of test : Quality Control

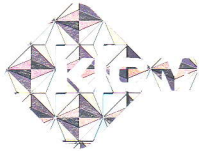
1. This Test Report is the result of testing specimen and the name of sample provided by the applicant. But we do not guarantee the quality of entire product.
2. This Test Report is not able to by public relation, advertisement, lawsuit without consent with KICM and this is not used except original purpose.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

Oct. 01 2009
 month day year

Signed : Bong Ki Moon

The general manager of Korea Institute of Construction Materials





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Attachment

R090914-FW003

Test Method : The sample(Ionizer/EUG-1000) provided by the applicant was placed in acrylic chamber (0.5 m × 0.5 m × 0.5 m). Testing gas of NH₃ was injected into the chamber until 10 ppm. While the sample was been operating for 30 minutes, concentration of gas was measured. Then, Deodorization ratio is figured as follow. In process of test, Room temperature maintained constant with 23 ± 5 °C. End.

$$\text{Deodorization ratio(\%)} \eta_i = \left(1 - \frac{C_{i,30}}{C_{i,0}} \right) \times 100$$

$C_{i,30}$: Conc. of Test Sample (ppm) (30 minutes later)

$C_{i,0}$: Conc. of Blank (ppm)



Photo 1. Test chamber and sample

