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Sample No. of Issue : FWR913004

Date of Receipt : 2010-09-13

Name of Test Sample : IONIC AIRCLEANER

#### Test Method

1. Sealing the gasbag(5 L, Tokyo Teodrant) with the lamp provided by customer like photo #1.
2. Injecting 100 ppm NH<sub>3</sub> gas into gasbag and measuring the gas concentration in gasbag per 30 minutes during 300 minutes. This measurement results are 'Conc. of Test Sample'.
3. And then removing the lamp in gasbag like photo #2, progressing as 2. This measurement results are 'Conc. of Blank'.
4. Using next equation for calculation of 'Rate of Deodorization'.

$$\text{Rate of deodorization(\%)} = \frac{(\text{Conc. of Blank} - \text{Conc. of Test Sample})}{\text{Conc. of Blank}} \times 100$$

5. Using gas detector tube measuring the gas concentration.



Photo #1. Sample Condition



Photo #2. Blank Condition

