An air conditioner equipped with nanoe™ X reduces nonanoic acid (Body odour of a person around 30 years of age, perspiration odour) intensity by 1.1 levels in 1 hour

Test outline

(1) Testing organisation: SGS
(2) Test subject: Adhered nonanoic acid (Body odour of a person around 30 years of age, perspiration odour)
(3) Test volume: Approx. 23m³ laboratory (3.64×2.73×2.4m)
(4) Test result: Odour intensity reduced 1.1 levels in 1 hour
(5) Report No.: SHES160600431171
Testing Report

Product name: nanoe X
(Refer to Appendix for details on specific commodity models carried by the device)

Applicant: Panasonic Corporation of China Co., Ltd. Shanghai Branch
Address: 7th Floor, Hongkou SOHO, No.575 Wusong Road, Hongkou District, Shanghai

Testing place: Panasonic Product Analysis Center/KANAZAWA University NMR Research Laboratory

Report issue date: 2020-08-04

Test Related instruction:
Note: According to the results of test items 1, 2, 3, 4, 5 in the report SHES160600431171-3-1-4, it is confirmed that nanoe X, 16X, 17X, 18X, 19X and 20X are of the same nature.

Test Requirement and result:
Test items requested by the customer:

1. Deodorization effect of nanoe X
   Test conclusion: nanoe X produces remarkable effect upon odor removal.
   Test condition: The difference of Cigarette odor intensity with blank is 1.5 or more after 12 minutes. Compared with the data of nanoe in report number SHES160600431171-2-1-1 (The difference of Cigarette odor intensity with blank is 1.5, after 120 minutes), The deodorizing speed of Cigarette Odors of nanoe X is 10 times that of nanoe.

2. Bacteria inactivation effect of nanoe X
   Test conclusion: Bacteria inactivation rate of nanoe X (staphylococcus aureus) is 99.91%.
   Test condition: Compared with the data of nanoe in report number SHES160600431171-2-1-1 (Bacteria inactivation rate is 99.76%), The inactivation effect of nanoe X is much more effective than that of nanoe.

3. Allergen inactivation effect of nanoe X
   Test conclusion: nanoe X produces remarkable inactivation effect of Allergen.
   Test condition: The inactivation of pollen allergen, achieving 99.1% inactivation percentage. Compared with the data of nanoe in report number SHES160600431171-2-1-1 (The inactivation of pollen allergen, achieving 87.4% inactivation percentage), The inactivation effect of nanoe X is much more effective than that of nanoe.

4. Mold inactivation effect of nanoe X
   Test condition: Compared with the data of nanoe in report number SHES160600431171-2-1-1 (8-hour attenuation), The inactivation time by nanoe X is 2 times earlier than that by nanoe.

5. Effect of nanoe X upon on hair settlement
   Test conclusion: nanoe X treated hair is more smooth and hangs down more easily.