nanoe™ device inhibits adhered carcinogen/benzo [b] fluoranthene [BbF] by 70% in 8 hours

Test outline

(1) Testing organisation: SGS
(2) Test subject: Adhered benzo [b] fluoranthene [BbF]
(3) Test volume: 36L enclosed box
(4) Test result: Inhibited 70% in 8 hours
(5) Report No.: SHES160600431171

Test ambient

36L box

Test result

Benzo [b] fluoranthene [BbF]

Survival rate (%)

0 20 40 60 80 100

Natural reduction 8 hours later

70% inhibited
Testing Report

Product name
1. nanoe——nanoe 4S & nanoe 3S
2. nanoe-G——nanoe-G

(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 NM Research Laboratory

Report issue date
2020-03-23

Test Requirement and result
Test items requested by the customer
1. Deodorization effect of nanoe 4S and nanoe 3S
   Test conclusion: nanoe 3S produces remarkable effect upon odor removal. Test items1, 2, 3, 4 and 5 of report SHES160600431171-1-1-1 have proved that nanoe 4S and nanoe 3S are of the same nature, it is proved too that nanoe 4S can produce remarkable effect on odor removal.

2. Bacteria inactivation effect of nanoe 4S and nanoe 3S
   Test conclusion: Bacteria inactivation rate of nanoe 3S (staphylococcus aureus) is 99.76%. Test items1, 2, 3, 4 and 5 of report SHES160600431171-1-1-1 have provide that nanoe 4S and nanoe 3S are of the same nature, it is proved to that nanoe 4S and nanoe3S can achieve the same bacteria inactivation effect.

3. Pollen allergen inactivation effect nanoe 4S and nanoe 3S
   Test conclusion: nanoe 3S has a remarkable inactivation of pollen allergen, achieving 87.4% inactivation percentage. Test items1, 2, 3, 4 and 5 of report SHES160600431171-1-1-1 have proved too that nanoe 4S and nanoe 3S are of the same nature, it is proved too that nanoe 4S and nanoe3S have the same inactivation effect.

4. Mold inactivation effect of nanoe 4S and nanoe 3S
   Test conclusion: nanoe 3S produces a remarkable inactivation effect on mold. Test items1, 2, 3, 4 and 5 of report SHES160600431171-1-1-1 have proved nanoe 4S and nanoe 3S are of the name nature, it is proved too that nanoe 4S can produce remarkable inactivation effect on mold.

5. Effect of nanoe 4S and nanoe 3S upon on hair settlement
   Test conclusion: nanoe 4S and nanoe 3S-treated hair is more smooth and hangs down more easily. Test items1, 2, 3, 4 and 5 of report SHES160600431171-1-1-1 have proved that nanoe 4S and nanoe 3S are of the same nature.