# Panasonic

# Test Report

An air conditioner equipped with nanoe<sup>™</sup> X reduces hexanoic acid (Body odour of a young person, perspiration odour) intensity by 1.4 levels in 1 hour

## **Test outline**

(1)Testing organisation: SGS

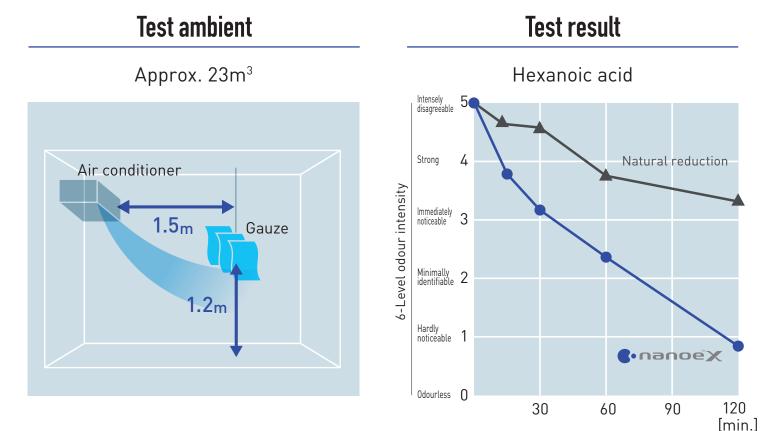
(2) Test subject: Adhered hexanoic acid (Body odour of a young person,

perspiration odour)

(3)Test volume: Approx. 23m<sup>3</sup>laboratory (3.64×2.73×2.4m)

(4) Test result: Odour intensity reduced 1.4 levels in 1 hour

(5)Report No.: SHES160600431171





Product name

### Applicant

Address

Testing place

Report issue date

**Test Related instruction** 

Test Requirement and result

#### Report No.: SHES160600431171-4-1-4 Date:2020-08-04

### **Testing Report**

#### nanoe X

(Refer to Appendix for details on specific commodity models carried by the device)

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Panasonic Product Analysis Center/KANAZAWA University NM Research Laboratory

#### 2020-08-04

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 items requested by the customer

1. Deodorization effect of nanoe X

Test conclusion: nanoe X produces remarkable effect upon odor removal.

Test conclusion: The difference of Cigarette oddor 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 oddor intensity with blank is 1.5, after 120 minutes), The deodorizing speed of Cigarette Odors of nanoe X is 10 times that of nanoe.

 Bacteria inactivation effect of nance X Test conclusion: Bacteria inactivation rate of nance X (staphylococcus aureus) is 99.91%. Test conclusion: Compared with the data of nance 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 conclusion: 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), T The inactivation effect of nanoe X is much more effective than that of nanoe.

 Mold inactivation effect of nanoe X Test conclusion: nanoe X produces a remarkable inactivation effect on mold.

Test conclusion: 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.

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

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