Other conditions — Irradiation light source
Fluorescent light 1000 ± 250 Lx

Assay for allergen — Sandwich enzyme-linked immunosorbent assay (ELISA)*1.

*1 The allergen solution after the reaction was diluted to an appropriate magnification*2 with a diluent for ELISA measurement and used as a measurement sample, and the measurement was performed in the following*3.
ITEA Cry j 1 ELISA Kit (Product No.10204、ITEA)

*2 Dilution factor at which the component derived from the test substance does not interfere with the ELISA measurement system.
(Determined by spike and recovery tests.)

*3 Slight optimized for testing.

5. Evaluation

The following formula was used to calculate the reduction rate of the target allergen in the allergen solution after incubation:

Reduction rate (%) = (Y – X)/Y × 100

X: The mean of the allergen quantities of the solution after the incubation with sample (ng)

Y: The mean of the allergen quantities of the solution after the Incubation with control (ng)

6. Result

Table6-1. The allergen quantity after incubation and the reduction rate of Cry j 1.

The measured value of initial allergen quantity: 144.26 ng

Sample Name	n	Cry j 1 (ng)	Mean (ng)	Standard deviation	Reduction rate (%)
ecoPURE	1	61.64	60.54	1.6	56.3
	2	58.70			
	3	61.28			
Purified water (Control)	1	139.01	138.58	0.8	
	2	137.66			
	3	139.08			

7. Addition

This test was performed based on the test request for【AA2024852】. The results of this test were not able to be compared with those of other experiments and tests.

Test period: March 12,2020 – April 2, 2020