

# Study Report

Issue: NB145009

October 26, 2015

To: RAYCOP JAPAN INC.

**AIKEN** Co., Ltd.

2-710 Amakoda, Moriyama-ku, Nagoya-shi  
(Handa Office) 2-65 Hanada-cho,  
Handa-shi, Aichi Prefecture  
TEL (0569) 28-4738 Zip code: 475-0088

|  |   |                         |                         |
|--|---|-------------------------|-------------------------|
| <b>Sample type</b>   | Cleaner for bedding   | <b>Reception method</b> | Received (May 19, 2014) |
| <b>Name of the sample<br/>(Trade name, etc.)</b>                                     | RAYCOP RE100  |                         |                         |
| <b>Study name</b>  | Cedar pollen recovery performance test  |                         |                         |
| <b>Test material</b>   | Sheets approximately 55 cm × 105 cm (of them, test compartment is 50 cm × 100 cm)<br>Environment of usage: Futon mattress (100 cm × 210 cm) |                         |                         |
| (Note) Collected and brought-in samples are described as appointed by the requestor. |   |                         |                         |

Here is a report on study results of the above sample.

| Test bedding | Vacuum time | Remaining amount cedar pollen allergen (Cry j1) * |      |      | Removal rate (%) |
|--------------|-------------|---|------|------|------------------|
|              |             | 1   | 2    | Mean |                  |
| Sheet        | 0 minute    | 2.26  | 3.29 | 2.78 | -                |
|              | 4 minutes   | 0.07  | 0.06 | 0.06 | 97.8             |
|              | 5 minutes   | 0.06  | 0.07 | 0.07 | 97.5             |
|              | 7 minutes   | 0.04  | 0.03 | 0.04 | 98.6             |

\* Unit:  $\mu\text{g}/5 \text{ cm} \times 5 \text{ cm} \times 5 \text{ sheets}$

[Remarks]

- Analytical method: ELISA
- See Attachment for overview of the test method.

Study director: Minoru Sugiura



