

2019 March 6th

Test result Report T1902286 ITEA Ltd. (A\_Rev.05)

Test No. T1902286

ITEA Ltd

Dear Raycop Japan Co. Ltd

Examiner: Wakayama

Test Report

**[Test name]** Study on mite allergen reduction effect on bedding vacuum cleaner [RPC]  
using similar contaminated bedding by house dust

**[Result]**

Allergen survival rate (%) = X/Y x 100

X : Average amount of allergen with suction (ng)

Y : Average amount of allergen without suction (ng)

Table 1. Residual allergens per sprinkled area (Der f 1) and Allergen survival rate (surface)

Test category	n	Der f 1 Amount(ng)	Average value(ng)	Standard Deviation	Allergen survival rate (%)
3min/m <sup>2</sup> (4 round trip)	1	36.00	53.00	18.4	0.5
	2	50.40			
	3	72.60			
4 min/m <sup>2</sup> (5 round trip)	1	105.00	99.60	13.2	1.0
	2	84.60			
	3	109.20			
5 min/m <sup>2</sup> (6 round trip)	1	51.00	61.00	14.8	0.6
	2	54.00			
	3	78.00			
No Suction	1	9841.20	9997.00	338.5	
	2	9764.40			
	3	10385.40			

Table 2. Residual allergens per sprinkled area (Der f 1) and Allergen survival rate (inside)

Test category	n	Der f 1 Amount(ng)	Average value(ng)	Standard Deviation	Allergen survival rate (%)
3min/m <sup>2</sup> (4 round trip)	1	6652.80	6668.80	271.0	71.3
	2	6947.40			
	3	6406.20			
4 min/m <sup>2</sup> (5 round trip)	1	6296.40	6264.80	223.7	67.0
	2	6471.00			
	3	6027.00			
5 min/m <sup>2</sup> (6 round trip)	1	6295.20	6469.80	387.4	69.1
	2	6913.80			
	3	6200.40			
No Suction	1	8875.20	9357.00	478.2	
	2	9364.20			
	3	9831.60			