

TEST REPORT

No : CT13-44399

6. Results of Testing(Inspection)

Test Items		Test Results			Test method
		Early Conc. (CFU/㎥)	After 3 h Conc (CFU/㎥)	Reduction rate of bacteria(%)	
Reduction test for Airborne microbes	Air Purifier (AIRVAX 33X2)	5.4×10^3	< 10	99.8	Client's requirement method

※ CFU : Colony Forming Unit

※ Test strain : MRSA(*Staphylococcus aureus subsp. aureus* ATCC 33591)

※ Chamber size : 8 ㎥

※ Measurement equipment : MAS-100 NT (MERCK, Flow rate : 100 L/min)

※ Test condition : Temperature : (25 ± 1) °C, Humidity : (50 ± 5) % R.H.

※ Sample : Air Purifier(AIRVAX 33X2)

※ Operating time : 3 hours

※ Result concentration : Feller Conversion Table application

※ Client's requirement method : After injecting a constant concentration of target bacteria inside the test chamber and operating the sample for 3 hours, measure the reduction rate of bacteria.