

TEST REPORT

No : CT20-025935E

7. Test Results

Test Items		Test method	Test Results			Testing Environment
			Before operating Conc.(CFU/m ³)	After operating Conc.(CFU/m ³)	Reduction rate (%)	
Reduction test for Airborne microbes (<i>Escherichia coli</i>)	Dr.Clo (Household, Toilet, Refrigerator, Car, Pets)	Client's requirement method	1.7 × 10 ⁴	< 10	99.9	(23.0 ± 0.2) °C (50.5 ± 2.0) %RH

※ CFU : Colony Forming Unit

※ Test strain : *Escherichia coli* ATCC 25922

※ Chamber size : 8 m³

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

※ Sample : Dr.Clo (Household, Toilet, Refrigerator, Car, Pets)

※ Operating time : 3 hours

※ Result concentration : Feller Conversion Table application

※ Client's requirement method : ISO 16000-36:2018 (But, operating time : 3 hours)

※ Location : unit108, Industry-Academic Cooperation Foundation, Hankyong National University, 327, Jungang-ro, Anseong-si, Gyeonggi-do, 17579, Korea



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No : CT20-025936E

7. Test Results

Test Items	Test method	Test Results			Testing Environment
		Before operating Conc.(CFU/m ³)	After operating Conc.(CFU/m ³)	Reduction rate (%)	
Reduction test for Airborne microbes (<i>Pseudomonas aeruginosa</i>)	Dr.Clo (Household, Toilet, Refrigerator, Car, Pets) Client's requirement method	2.2 × 10 ⁴	< 10	99.9	(23.0 ± 0.2) °C (50.5 ± 2.0) % RH

※ CFU : Colony Forming Unit

※ Test strain : *Pseudomonas aeruginosa* ATCC 15442

※ Chamber size : 8 m³

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

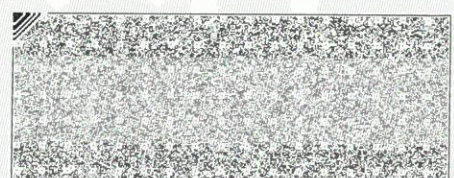
※ Sample : Dr.Clo (Household, Toilet, Refrigerator, Car, Pets)

※ Operating time : 3 hours

※ Result concentration : Feller Conversion Table application

※ Client's requirement method : ISO 16000-36:2018 (But, operating time : 3 hours)

※ Location : unit108, Industry-Academic Cooperation Foundation, Hankyong National University, 327, Jungang-ro, Anseong-si, Gyeonggi-do, 17579, Korea



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No : CT20-025937E

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Test Items	Test method	Test Results			Testing Environment
		Before operating Conc.(CFU/m ³)	After operating Conc.(CFU/m ³)	Reduction rate (%)	
Reduction test for Airborne microbes (<i>Staphylococcus aureus</i>)	Dr.Clo (Household, Toilet, Refrigerator, Car, Pets) Client's requirement method	2.3 × 10 ⁴	< 10	99.9	(23.0 ± 0.2) °C (50.5 ± 2.0) %RH

※ CFU : Colony Forming Unit

※ Test strain : *Staphylococcus aureus* ATCC 6538

※ Chamber size : 8 m³

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

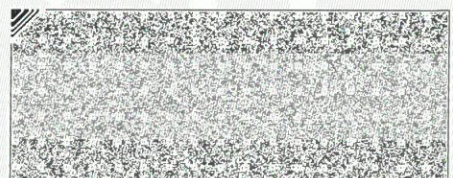
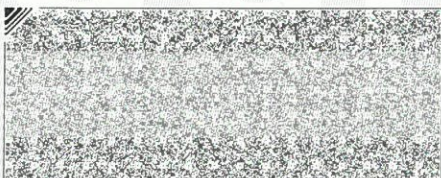
※ Sample : Dr.Clo (Household, Toilet, Refrigerator, Car, Pets)

※ Operating time : 3 hours

※ Result concentration : Feller Conversion Table application

※ Client's requirement method : ISO 16000-36:2018 (But, operating time : 3 hours)

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TEST REPORT

No : CT20-025938E

7. Test Results

Test Items	Test method	Test Results			Testing Environment
		Before operating Conc.(CFU/m ³)	After operating Conc.(CFU/m ³)	Reduction rate (%)	
Reduction test for Airborne microbes (<i>Klebsiella pneumoniae</i>)	Dr.Clo (Household, Toilet, Refrigerator, Car, Pets) Client's requirement method	2.4 × 10 ⁴	< 10	99.9	(23.0 ± 0.2) °C (50.5 ± 2.0) %RH

※ CFU : Colony Forming Unit

※ Test strain : *Klebsiella pneumoniae* ATCC 4352

※ Chamber size : 8 m³

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

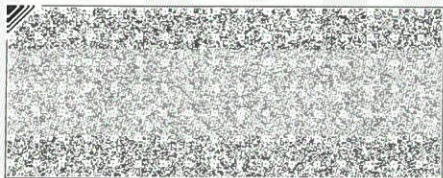
※ Sample : Dr.Clo (Household, Toilet, Refrigerator, Car, Pets)

※ Operating time : 3 hours

※ Result concentration : Feller Conversion Table application

※ Client's requirement method : ISO 16000-36:2018 (But, operating time : 3 hours)

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TEST REPORT

No : CT20-025939E

7. Test Results

Test Items	Test method	Test Results			Testing Environment
		Before operating Conc.(CFU/㎡)	After operating Conc.(CFU/㎡)	Reduction rate (%)	
Reduction test for Airborne microbes (MRSA)	Dr.Clo (Household, Toilet, Refrigerator, Car, Pets) Client's requirement method	2.2×10^4	< 10	99.9	(23.0 ± 0.2) °C (50.5 ± 20) %RH

※ 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)

※ Sample : Dr.Clo (Household, Toilet, Refrigerator, Car, Pets)

※ Operating time : 3 hours

※ Result concentration : Feller Conversion Table application

※ Client's requirement method : ISO 16000-36:2018 (But, operating time : 3 hours)

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