

**A CLINICAL TRIAL TO EVALUATE THE EFFICACY OF STABIOTICS ALL-PURPOSE CLEANER  
vs. A STANDARD CLEANER IN HOUSEHOLDS/LABORATORY USING ATP READINGS**

Prepared for:

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CLEANER vs. A STANDARD CLEANER IN HOUSEHOLDS/LABORATORY USING ATP  
READINGS**

**PRINCETON CONSUMER RESEARCH CORP. REPORT NO: AIRCL11C**

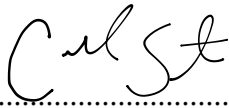
I declare that the following report constitutes a true and faithful account of the procedures adopted and the results obtained in the performance of this study. The aspects of the study conducted by Princeton Consumer Research Corp. were performed, where relevant, in accordance with the principles of Good Clinical Research Practice.

Barrie Drewitt  
(Principal Investigator)

  
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Date... 9th June 2016 .....

Cassandra Starr, BS  
(Project Manager)

  
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Date... 9th June 2016 .....

**QUALITY ASSURANCE STATEMENT**

This report has been audited and is considered to be an accurate description of the methods used and an accurate presentation of the data obtained during the conduct of the study.

Anne Campbell, BS  
(Quality Assurance Manager)

  
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Date... 09 June 2016 .....

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## 1 **SUMMARY**

- Title:** A Clinical Trial to Evaluate the Efficacy of Stabiotics All-Purpose Cleaner vs. a Standard Cleaner in Households/Laboratory Using ATP Readings
- Study design:** This study was conducted in 2 phases. Phase 1: at the homes of the study participants Phase 2 – at the clinical laboratory. It will follow a parallel randomized, single-blind design where a single Airbiotic cleaning product will be compared to a standard household cleaner.
- Test Article:**
1. Stabiotics All-purpose cleaner
  2. Lysol all-purpose cleaner – lemon breeze scent
- Number of households:** 70 households to be enrolled and a single clinical laboratory test site.
- Type of household:** Households with healthy families (head of household is at least 18 years of age), who agree to follow the instructions given.
- Method:**
- Phase 1: Subjects were screened and enrolled by study staff at their homes, which included Informed Consent and Inclusion Exclusion criteria. Once qualified 3 surfaces in the household were selected to clean. At Baseline (before product use) ATP readings were performed on the selected surfaces. Subjects were asked to clean the identified surfaces with the assigned products just the one time, after approximately one hour, 3 hours, 5 hours and 24 hours after treatment, ATP readings were performed as at visit 1 (baseline).
- Phase 2: At the clinical laboratory, hard surface sites (approximately 30) were identified and treated ½ the site with product 1 and the 2<sup>nd</sup> ½ with product 2. ATP readings were taken at pre-treatment, 1 hour, 3 hours, 5 hours, 24 hours, 3 days, 5 days and 7 days after treatment.
- Conclusion:** For this study, a multipurpose cleaner containing probiotics (Stabiotics) was compared to a standard multipurpose cleaner (Lysol) for its ability to reduce the amount of bacteria present on surfaces, both in home settings and at a clinical site setting. Because the ATP meter reads the microbial contamination of surfaces and does not differentiate between beneficial microbes like the ones in the Stabiotics and harmful microbial contamination, the Stabiotics was expected to have elevated ATP readings for the initial time points. This product is designed to consume the bad microbes (bacteria, pathogens, allergens) over time when in contact with the contaminated area. The results of the study confirm this. The ATP results of the households treated with the Stabiotics cleaner showed that the level of microbial contamination decreased for 24 hours. The clinical phase of the study demonstrated that lab surfaces treated with Stabiotics all-

purpose cleaner has a longer lasting effect vs. Lysol all-purpose cleaner for up to 5 days.

A comparison between the results of the two products indicates the Stabiotics cleaner achieved a reduction in surface contamination at all time points during both phases with the exception of Day 7, whereas the comparator product, Lysol multi-purpose cleaner achieved a reduction in contamination at the 1 hour and 3 hour time points for both phases.

Duration of study: Study Started: 25<sup>th</sup> April 2016  
Study Ended: 1<sup>st</sup> May 2016

Location: Study took place in the Participant's households and at the clinical laboratory.

Dedicated site:

PCR Corp  
8 Richmond Road,  
Dukes Park,  
Chelmsford,  
Essex CM2 6UA  
United Kingdom

## 2 **KEY STUDY PERSONNEL AND RESPONSIBILITIES**

<b>Key personnel</b>	<b>General responsibilities</b>
<p><b>Principal Investigator (PI)</b>            Barrie Drewitt            PCR Corp            Harbour House            8 Richmond Road,            Dukes Park,            Chelmsford            Essex CM2 6UA            United Kingdom</p> <p>Tel: +44 (0) 1245 934050</p>	<p>The Principal Investigator (PI) will be responsible for ensuring sufficient resources are available to conduct the study according to Good Clinical Practice (GCP), for the study design, compiling the results and writing the clinical report.</p>
<p><b>Project Supervisor (PS)</b>            Andrew King            PCR Corp            8 Richmond Road,            Dukes Park,            Chelmsford            Essex CM2 6UA            United Kingdom</p> <p>Tel: +44 (0) 1245 934050</p>	<p>The Project Supervisor (PS) will be responsible for the conduct of the study on a daily basis.</p>
<p><b>Project Manager (PM)</b>            Cassandra Starr            PCR Corp            9600 Koger Blvd North, Suite 120            St.Petersburg, FL 33702</p> <p>Tel: 727-576-7300</p>	<p>The Project Manager (PM) will be involved with the study design, compiling the results and writing the clinical report.</p>
<p><b>Project Co-ordinator (PC)</b>            Robert Meirovich            Airbiotics            3520 N. 54<sup>th</sup> Ave            Hollywood, FL 33021</p> <p>Tel: 954-774-3929</p>	<p>The Project Co-ordinator (PC) will be the primary point of contact on behalf of the Sponsor of this project and will represent the Sponsor (Airbiotics) of this study.</p>

**3 STUDY FLOW CHART****IN HOME PHASE STUDY FLOW CHART**

<b>Study Day</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>Visit</b>	<b>1</b>	<b>2</b>	<b>3</b>
Informed Consent Obtained	✓		
Demographics	✓		
Inclusion/Exclusion Criteria	✓		
Adverse Event Review		✓	✓
Study Staff will Identify and clean 3 small test areas (kitchen, bathroom, W.C.)	✓		
ATP meter readings (baseline, 1 hr., 3 hrs, 5 hrs and 24 hrs post application)	✓	✓	✓

**CLINICAL LABORATORY PHASE STUDY FLOW CHART**

<b>Study Day</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>7</b>
<b>Assessments</b>	<b>0, 1, 2, 3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
Thirty hard surface areas will be identified for treatment	✓				
Cleaning of surfaces with test products	✓				
ATP meter readings (baseline (0), 1 hr., 3 hr., 5 hr. – day 1)	✓	✓	✓	✓	✓

**4 INTRODUCTION AND OBJECTIVES**

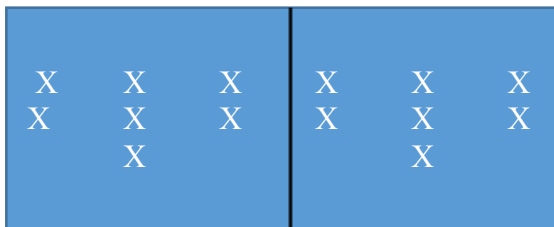
The objective of this study was to compare the long lasting efficacy of the Airbiotic cleaning product (Stabiotic all-purpose cleaner) to a standard household all-purpose cleaner by utilizing ATP meter readings of the treated surfaces. This study was conducted in two phases, a household testing phase and a clinical laboratory phase.

**5 STUDY DESIGN**

Phase 1: A clinical study with ATP readings conducted in qualified households before use, and approximately 1 hour, 3 hours, 5 hours, and 24 hours after 1 use of the designated study cleaner on three identified test sites (marked with masking tape) in each household (70 households to complete). Study staff used the all-purpose cleaners

on the selected surfaces according to the instructions provided. Household participants were instructed not to touch/utilize or in any way disturb these surfaces for approximately 24 hours or until the testing was completed. Study staff took ATP readings of each of the treated sites as indicated above (baseline, approximately 1 hr, 3 hr, 5 hr and 24 hr after treatment).

Phase 2: 30 identical identified test sites were demarcated using masking tape in the clinical laboratory and each test site was divided in half. The study staff determined the appropriate size of each test area so that each  $\frac{1}{2}$  could be cleaned – one side with the test cleaner and the other side with the standard cleaner. Each site had baseline ATP measurements taken prior to cleaning. Then each  $\frac{1}{2}$  was cleaned with the test cleaner or the standard cleaner using identical procedures. ATP readings were taken of each  $\frac{1}{2}$  site at the following time points: Approximately 1 hr, 3 hr, 5 hr, 24 hr, 3 days, 5 days and 7 days post treatment. During this testing period the treated areas were not touched/utilized or otherwise disturbed by study staff and each ATP reading was taken at a different location in the test site area (see example below).



Please note that it is the responsibility of the sponsor to determine the acceptability of testing and study designs required for submission to entities such as the Home Shopping Network, QVC, etc.

## 6 **SELECTION OF SUBJECTS**

### 6.1 **Screening**

Seventy (70) households were recruited into the study to ensure that 70 households completed all procedures for the study. Households and families that lived in them satisfied the following inclusion and exclusion criteria, were prepared to accept the prohibitions and restrictions, and gave written informed consent.

The suitability of each potential household was confirmed before acceptance by review of a study specific pre-treatment questionnaire.

### 6.2 **Inclusion Criteria**

- a) The head of the household is a healthy male or female at least 18 years of age and is able to follow the instructions for the study;
- b) The head of household has signed a written Informed Consent;

### 6.3 **Exclusion Criteria**

- a) Females residing in the household are pregnant, nursing, or planning to become pregnant;
- b) Household family members have any disease which, in the opinion of the Investigator, could be compromised by the use of the study products in the home;



- c) Household family members who have known allergies to consumer products in the same product category as the study products being tested;
- d) Households which, in the opinion of the Investigator, would compromise the validity of the study outcome;

#### **6.4 Prohibitions and Requirements**

- a) Participants must be willing to have study staff enter their household for study related assessments;
- b) Participants must agree to discontinue the use of their regular cleaning products on the selected surfaces for the duration of the study;
- c) Participants must agree not to touch/use/or in any way disturb the designated test areas for the duration of the study (24 hours post treatment).

#### **6.5 Subject Withdrawal**

The participation of a household in this study may have been discontinued for any of the following reasons:

- the participants wish to withdraw from study participation;
- if, in the opinion of the Investigator, it is in the best interest of the participants;
- suspected adverse effects from the test products;
- inter-current illnesses in the household;
- violation of the prohibitions and restrictions (Section 6.1.3);
- development of an exclusion criteria.

Participants were free to withdraw at any time and needed not give a reason, however, every reasonable attempt was made to ascertain such reasons. The data for those households which were withdrawn from the study is included in the final clinical report, but may be excluded from final data analysis.

Participants were not to be followed up with after their withdrawal from the study, except in the case of a serious adverse event. Withdrawn households were to be replaced

## **7 TEST ARTICLES**

To the best of the Sponsor's knowledge, the test article was formulated and tested to comply with applicable regulations. Following consultation with the Sponsor, PCR Corp considers the test article to be safe for human use.

The following products were supplied by the Sponsor:

- Stabiotics All-Purpose Spray Cleaner
- Lysol All-Purpose Cleaner – Lemon Breeze Scent

The test articles were used as instructed by the Sponsor, and according to the usage instructions provided by the Sponsor. The Stabiotics All-Purpose Cleaner came concentrated and was diluted by the study staff prior to use according to the instructions provided by the sponsor.

The Sponsor has provided the ingredient listings.

It was the responsibility of the Sponsor to determine, for each batch of test article, the identity, strength, purity, composition, and other characteristics which appropriately define the test article before its use in the study. The determination of its stability and documentation of methods of synthesis and derivation were also the Sponsor's responsibility.

It was the responsibility of the Sponsor that the test article met all necessary transport regulations, particularly those regulations involving the carriage of hazardous goods and the import/export of goods, and that any costs including tax/duty were fully met by the Sponsor prior to receipt of the test article at PCR Corp. No liability with regard to safe receipt or costs involved in carriage of goods to any PCR Corp site was accepted. All remaining samples will be disposed of by the site.

## **8 STUDY PROCEDURE**

Visit 1 Baseline (0 hour and 1 hour)

Households were selected and a study staff member reported to the household for screening. Informed Consent was obtained, Inclusion/ Exclusion verified and study eligibility was confirmed. Upon verification of eligibility, three separate test surfaces were identified as the treatment sites. The treatment sites were located in the following three areas in the household: kitchen surface, bathroom surface, W.C. surface. The areas were marked with masking tape. A swab of each of the 3 surfaces was obtained before cleaning and analyzed using the ATP meter (3 swabs total). The study staff cleaned each of the test areas with the test cleaner or the standard cleaner according to the instructions provided. Approximately 1 hour after treatment, the three surfaces were swabbed and analyzed with the ATP meter (one swab taken for each test area). Subjects were instructed not to use any other cleaners on the identified surfaces, not to touch the surfaces or use/disturb the surfaces in any manner.

Visit 2 (3 and 5 hours after baseline - Study Day 1)

Study Staff returned to the household approximately 3 hours and 5 hours after initial product use. Participants were asked if any adverse events were experienced and this was reviewed and recorded. The three identified surfaces were swabbed as before and ATP readings taken at the 3 hour and 5 hour mark (post cleaning).

Visit 3 (24 hour - Study day 2)

Study Staff returned to the household approximately 24 hours after initial product use. Participants were asked if any adverse events were experienced and this was reviewed and recorded. The three identified surfaces were swabbed as before and ATP readings taken.

Study participants were compensated for their time and their participation in study was complete.

### **8.1 ATP Meter**

The ATP meter is designed to measure levels of microbial contamination. All surfaces that contain microbial contamination contain ATP, but in small amounts. After normal cleaning, all sources of ATP should be significantly reduced. When ATP is brought into contact with the ATP meter (the Luminometer's, liquid-stable luciferase/luciferin reagent), light is emitted in direct proportion to the amount of ATP present. The ATP meter measures the amount of light generated and provides information on the level

of microbial contamination. The higher the reading, the more microbial contamination present.

The ATP readings was used to assess the amount of ATP left on the identified surfaces in the households and the laboratory which were treated with the test products. These ATP readings were used to correlate the cleanliness of the identified surfaces to the products used at the following time points:

Phase 1: prior to product use, and then approximately 1 hour, 3 hours, 5 hours, and 24 hours.

Phase 2: prior to product use, and then approximately 1 hour, 3 hours, 5 hours, 24 hours, 3 days, 5 days and 7 days.

## **9 STUDY ETHICS**

### **9.1 Declaration of Helsinki**

The study conformed to the requirements of the 1964 Declaration of Helsinki and its subsequent amendments.

### **9.2 Subject Consent**

Subjects were informed of the nature, purpose and known risk of the study both orally and in writing and gave their written informed consent before participating in the study (Appendix 1). Subjects were advised that they were free to withdraw from the study at any time without being obliged to give a reason. They were compensated for their time and inconvenience.

### **9.3 Indemnity Provision**

The Sponsor was responsible, without regard to legal liability, and would indemnify Princeton Clinical Research Corp, or any of their respective officers or employees in the event of claims for compensation from subjects suffering injury or other deterioration in health or well-being as a result of participation in this study, except and insofar as such claims arise as a result of any negligent act or omission on the part of Princeton Clinical Research Corp. employees or any persons undertaking or involved in the study by arrangement with Princeton Clinical Research Corp.

**10 SUBJECT DATA****10.1 Location and Dates of the Study**

The study was performed at Princeton Consumer Research Corp. between 25<sup>th</sup> April 2016 and 1<sup>st</sup> May 2016

**10.2 Subjects**

Seventy (70) households were enrolled onto the study and all seventy completed the study.

SUBJECT NO	INITIALS	AGE	GENDER
1	A-L	43	F
2	FNJ	57	F
3	R-K	22	F
4	G-P	26	M
5	BHK	38	F
6	SEY	45	M
7	VBI	55	F
8	AJH	51	F
9	BEU	28	F
10	JLP	60	F
11	FSH	34	F
12	WEU	54	F
13	GKM	37	M
14	NBH	30	F
15	KLP	53	F
16	V-D	58	M
17	SJH	21	M
18	GVD	38	F
19	JKP	66	F
20	STG	36	F
21	BJS	24	M
22	DKM	25	F
23	LKO	63	M
24	JJG	41	F
25	SFC	47	M
26	VHY	22	F
27	RTE	29	M
28	Y-P	48	F
29	DAX	54	F
30	VML	75	F
31	KLO	73	F
32	JSD	46	F
33	VGK	36	F
34	T-P	62	F
35	BNL	26	F

SUBJECT NO	INITIALS	AGE	GENDER
36	SEW	44	F
37	AQT	49	F
38	FTI	35	M
39	JND	62	F
40	VJL	25	M
41	KOP	25	F
42	CDT	54	M
43	SQW	27	M
44	SUJ	40	F
45	KGH	35	F
46	NML	53	F
47	FTI	48	F
48	DYB	25	F
49	NSG	35	M
50	DEU	37	M
51	JPO	63	M
52	YUK	68	F
53	S-L	56	F
54	DET	59	F
55	A-L	53	F
56	BLM	62	F
57	FKN	32	M
58	DDH	37	F
59	SKN	44	M
60	ETR	24	F
61	UYK	65	F
62	SCG	36	F
63	SSF	39	F
64	J-O	54	F
65	FHN	58	F
66	FRW	39	M
67	GKB	47	F
68	SJY	19	F
69	DVJ	33	F
70	RRD	26	M

### **10.3 Adverse Events, Subjects Not Completing the Study and Protocol Deviations**

No reported Adverse Events (AEs) or Severe Adverse Events (SAE's).

No discontinued households

**11 RESULTS****11.1 Household Reading**

Household Readings	Baseline	1 hour	3 hour	5 hour	24 hour
<b>Product 1- Stabiotics Cleaner</b>					
Mean	768.77	3183.43	417.51	133.00	86.10
% change from baseline		314.09	-45.69	-82.70	-88.80
<b>Product 2- Lysol Cleaner</b>					
Mean	773.95	376.19	260.31	599.69	806.33
% change from baseline		-51.39	-66.37	-22.52	4.18

**11.2 Lab Surfaces**

Lab Surfaces	Baseline	1 hour	3 hour	5 hour	24 hour	3 days	5 days	7 days
<b>Product 1- Stabiotics Cleaner</b>								
Mean	656.23	6098.23	593.43	190.10	54.73	191.73	402.77	1721.43
% change from baseline		829.28	-9.57	-71.03	-91.66	-70.78	-38.62	162.32
<b>Product 2- Lysol Cleaner</b>								
Mean	779.77	352.37	290.03	651.07	897.83	922.87	1513.50	3204.13
% change from baseline		-54.81	-62.81	-16.50	15.14	18.35	94.10	310.91

**12 CONCLUSION**

For this study, a multipurpose cleaner containing probiotics (Stabiotics) was compared to a standard multipurpose cleaner (Lysol) for its ability to reduce the amount of bacteria present on surfaces, both in home settings and at a clinical site setting. Because the ATP meter reads the microbial contamination of surfaces and does not differentiate between beneficial microbes like the ones in the Stabiotics and harmful microbial contamination, the Stabiotics was expected to have elevated ATP readings for the initial time points. This product is designed to consume the bad microbes (bacteria, pathogens, allergens) over time when in contact with the contaminated area. The results of the study confirm this. The ATP results of the households treated with the Stabiotics cleaner showed that the level of microbial contamination decreased for 24 hours. The clinical phase of the study demonstrated that lab surfaces treated with Stabiotics All-Purpose cleaner has a longer lasting effect vs. Lysol All-Purpose cleaner for up to 5 days.

A comparison between the results of the two products indicates the Stabiotics cleaner achieved a reduction in surface contamination at all time points during both phases with the exception of Day 7, whereas the comparator product, Lysol multi-purpose cleaner achieved a reduction in contamination at the 1 hour and 3 hour time points for both phases.

Subject Number	Product	Site/ Surface	Baseline	1 hour	3 hour	5 hour	24 hour
1	1	1	786	2536	467	210	157
		2	723	3125	437	317	158
		3	710	2658	326	228	121
2	1	1	824	3487	357	198	159
		2	810	2257	453	218	98
		3	849	2758	312	145	45
3	1	1	687	3946	254	128	99
		2	648	4246	366	199	122
		3	700	4573	427	217	142
4	1	1	857	2376	335	267	176
		2	829	3368	379	221	194
		3	799	3557	148	118	57
5	1	1	850	4368	254	100	26
		2	889	3256	346	99	49
		3	945	2475	453	218	76
6	1	1	656	3537	466	194	90
		2	689	2678	342	221	104
		3	723	3576	441	167	126
7	1	1	848	2858	528	111	82
		2	934	3654	337	104	54
		3	689	2679	427	96	58
8	1	1	785	2756	518	327	200
		2	845	2497	446	127	76
		3	777	2978	321	87	35
9	1	1	935	3575	540	130	85
		2	899	3422	376	85	68
		3	910	4164	540	143	108
10	1	1	673	2362	437	202	172
		2	699	3757	437	57	37
		3	723	2879	265	33	28
11	1	1	644	3347	490	78	46
		2	699	2865	217	165	122
		3	620	2178	335	87	39
12	1	1	868	3649	430	102	65
		2	934	4188	318	80	69
		3	977	4374	438	107	27
13	1	1	576	3222	279	97	28
		2	688	3734	475	254	142
		3	734	3324	355	76	37

Subject Number	Product	Site/ Surface	Baseline	1 hour	3 hour	5 hour	24 hour
14	1	1	734	2353	638	98	65
		2	699	2684	280	145	88
		3	778	2457	545	89	81
15	1	1	645	3482	368	185	56
		2	667	3349	352	127	48
		3	565	3215	289	86	55
16	1	1	878	2432	453	294	195
		2	946	2548	256	208	148
		3	912	4375	678	179	122
17	1	1	745	3448	437	64	36
		2	867	3612	386	109	90
		3	718	2276	480	56	28
18	1	1	557	2857	465	111	99
		2	674	4332	358	158	133
		3	538	2158	463	78	64
19	1	1	883	3354	360	98	62
		2	810	2575	648	116	47
		3	786	2346	442	87	40
20	1	1	945	2554	653	59	26
		2	881	2868	567	95	86
		3	903	4365	753	101	80
21	1	1	735	3360	424	143	122
		2	658	3277	326	67	56
		3	856	2376	359	151	109
22	1	1	729	2034	441	116	96
		2	855	2637	348	65	40
		3	738	3310	439	78	52
23	1	1	664	4336	334	145	105
		2	788	2674	246	200	143
		3	589	2479	380	171	127
24	1	1	670	4370	622	166	101
		2	725	3432	351	80	58
		3	734	2257	377	43	26
25	1	1	894	4328	436	115	73
		2	942	3546	563	65	36
		3	959	3678	589	150	133
26	1	1	646	4268	463	67	58
		2	576	1998	377	111	107
		3	775	3492	327	205	163



Subject Number	Product	Site/ Surface	Baseline	1 hour	3 hour	5 hour	24 hour
27	1	1	834	4276	388	59	28
		2	853	2200	573	81	74
		3	787	4369	440	75	58
28	1	1	645	2574	265	84	25
		2	688	4663	544	165	94
		3	745	2576	342	178	129
29	1	1	834	2057	388	54	25
		2	768	3341	576	92	87
		3	977	2538	467	190	137
30	1	1	739	3346	443	176	107
		2	653	4328	370	89	44
		3	667	3757	425	286	210
31	1	1	681	3168	441	66	38
		2	754	2775	348	87	40
		3	886	2354	563	101	53
32	1	1	756	3464	250	163	110
		2	723	2245	637	69	56
		3	790	2860	356	280	215
33	1	1	956	2156	639	59	48
		2	901	4620	347	87	76
		3	966	3107	457	198	138
34	1	1	657	3664	345	176	101
		2	579	2785	538	68	30
		3	733	2801	336	59	48
35	1	1	657	3352	436	75	36
		2	633	2686	364	103	87
		3	764	3467	216	151	115
		Average	769	3183	418	133	86
		% Change from baseline		314	-46	-83	-89

Subject Number	Product	Site/ Surface	Baseline	1 hour	3 hour	5 hour	24 hour
36	2	1	774	326	257	623	810
		2	790	387	237	618	850
		3	856	314	272	734	868
37	2	1	645	335	211	579	723
		2	767	416	327	639	797
		3	682	310	245	621	711
38	2	1	784	457	318	768	834
		2	726	449	310	522	749
		3	809	534	231	489	823
39	2	1	934	612	327	537	926
		2	987	567	308	734	994
		3	879	453	243	499	896
40	2	1	646	342	176	526	643
		2	782	387	215	477	765
		3	734	427	327	538	749
41	2	1	648	332	259	446	664
		2	729	306	175	523	748
		3	760	453	342	640	789
42	2	1	643	489	266	338	632
		2	690	397	224	418	725
		3	656	308	208	529	721
43	2	1	759	298	176	476	780
		2	788	424	317	448	812
		3	725	355	225	498	719
44	2	1	599	419	346	536	636
		2	756	325	201	627	763
		3	733	357	258	444	746
45	2	1	645	418	335	537	675
		2	689	510	327	617	773
		3	734	432	198	487	728
46	2	1	546	236	147	334	603
		2	633	358	250	427	678
		3	612	248	168	376	650
47	2	1	845	455	320	598	923
		2	976	528	433	735	998
		3	1012	430	215	847	1024
48	2	1	524	231	189	375	563
		2	645	322	285	577	668
		3	667	452	317	465	618
49	2	1	769	325	177	371	797
		2	735	712	635	669	810
		3	799	474	348	811	832

Subject Number	Product	Site/ Surface	Baseline	1 hour	3 hour	5 hour	24 hour
50	2	1	634	213	144	487	657
		2	856	423	232	798	904
		3	722	330	253	576	788
51	2	1	588	473	333	379	597
		2	634	364	257	437	653
		3	610	415	376	554	668
52	2	1	956	348	217	894	1001
		2	1015	345	229	830	1032
		3	944	210	170	785	957
53	2	1	573	413	342	490	623
		2	665	244	202	523	671
		3	634	422	318	511	670
54	2	1	846	321	264	776	923
		2	810	416	308	635	821
		3	956	365	215	593	952
55	2	1	598	393	265	377	643
		2	655	260	115	486	684
		3	682	439	329	668	721
56	2	1	825	400	260	747	893
		2	888	397	274	598	921
		3	814	481	337	656	832
57	2	1	934	447	299	764	967
		2	871	340	187	578	912
		3	994	231	165	389	992
58	2	1	745	481	320	758	810
		2	719	283	204	574	749
		3	734	499	325	689	786
59	2	1	835	377	244	365	833
		2	974	357	286	674	1008
		3	916	228	157	778	990
60	2	1	557	387	265	536	602
		2	600	304	255	467	623
		3	535	483	326	517	563
61	2	1	958	321	275	846	1038
		2	1016	365	268	892	1042
		3	1004	284	175	934	1054
62	2	1	831	234	158	550	824
		2	794	359	276	489	719
		3	845	485	289	745	870
63	2	1	948	263	168	935	1012
		2	997	339	289	798	1038
		3	910	357	254	599	937
64	2	1	630	479	299	658	678
		2	759	401	325	637	821
		3	716	364	300	578	845

Subject Number	Product	Site/ Surface	Baseline	1 hour	3 hour	5 hour	24 hour
65	2	1	934	500	328	747	956
		2	900	465	317	558	936
		3	846	325	224	653	830
66	2	1	765	318	298	586	794
		2	735	249	156	530	821
		3	791	363	251	737	805
67	2	1	642	375	223	356	701
		2	684	254	216	649	730
		3	756	457	358	538	819
68	2	1	834	243	189	643	857
		2	879	207	132	753	992
		3	934	344	254	772	943
69	2	1	652	469	334	477	674
		2	689	406	285	644	720
		3	649	256	147	558	687
70	2	1	845	367	232	453	922
		2	967	369	285	789	955
		3	924	283	210	921	986
		<b>Average</b>	<b>774</b>	<b>376.1905</b>	<b>260.3143</b>	<b>599.6857</b>	<b>806.3333</b>
		<b>% Change from baseline</b>		<b>-51.3936</b>	<b>-66.3656</b>	<b>-22.5165</b>	<b>4.183843</b>

**APPENDIX 2: LAB SURFACES RESULTS (PRODUCT 1)**

8 June 2016

Surface Number	Product	Baseline	1 hour	3 hour	5 hour	24 hour	3 days	5 days	7 days
1	1	756	4355	724	214	43	147	426	1321
2	1	737	5346	657	175	67	124	365	1658
3	1	468	3657	453	286	87	215	488	2143
4	1	658	5438	657	146	90	231	318	1398
5	1	748	6342	734	222	35	276	336	979
6	1	635	5674	589	145	32	129	437	1377
7	1	800	7453	732	124	49	150	410	1757
8	1	644	5725	546	198	27	221	327	1657
9	1	564	6678	498	135	40	286	390	1479
10	1	746	4498	657	239	95	208	455	2143
11	1	588	6484	534	167	37	138	418	2246
12	1	544	7353	453	128	86	127	486	1228
13	1	745	5664	679	200	74	199	318	1868
14	1	835	5257	746	287	52	170	389	1906
15	1	477	6475	453	156	39	253	399	1547
16	1	675	7875	610	130	75	219	465	1509
17	1	620	4665	532	151	20	143	417	1224
18	1	786	5378	665	283	53	180	307	1647
19	1	434	5644	422	241	38	146	385	1225
20	1	566	7585	438	179	65	208	448	1978
21	1	867	6468	790	211	77	165	362	2342
22	1	555	7576	423	207	79	198	478	2265
23	1	465	4564	409	132	45	139	469	1686
24	1	867	5680	784	150	62	252	431	1656
25	1	498	8656	475	177	78	271	369	1860
26	1	766	7454	644	129	61	280	389	1389
27	1	658	6579	613	204	33	176	376	2314
28	1	766	7456	699	254	48	155	360	2210
29	1	487	4370	487	290	19	127	438	1983
30	1	732	6598	700	143	36	219	427	1648
	Average	656	6098	593	190	55	192	403	1721
	% Change from baseline		829	-10	-71	-92	-71	-39	162

**APPENDIX 2: LAB SURFACES RESULTS (PRODUCT 2)**

8 June 2016

Surface Number	Product	Baseline	1 hour	3 hour	5 hour	24 hour	3 days	5 days	7 days
1	2	690	376	319	613	824	945	1426	3264
2	2	889	385	318	699	968	947	1484	2589
3	2	978	326	257	746	1056	1200	1637	3645
4	2	674	331	299	577	885	945	1748	3115
5	2	669	389	310	539	780	785	1337	3789
6	2	860	316	256	550	773	839	1297	4322
7	2	678	400	326	510	746	832	1976	3477
8	2	855	321	257	674	900	920	1554	3244
9	2	667	359	288	600	791	857	1696	3189
10	2	850	327	261	749	923	856	1368	2547
11	2	767	322	297	636	860	847	1220	2533
12	2	894	368	303	777	1002	839	1594	2339
13	2	843	387	311	719	844	998	1575	3486
14	2	839	369	298	698	989	1032	1587	2786
15	2	910	310	225	833	1038	1001	1480	3796
16	2	670	365	319	551	846	847	1265	3887
17	2	956	398	356	840	1007	989	1768	3471
18	2	677	334	247	539	790	813	1253	3598
19	2	876	368	301	768	961	946	1776	2279
20	2	845	321	260	701	1101	1025	1368	2137
21	2	790	377	317	665	883	891	1890	3351
22	2	836	305	248	730	1029	1042	1887	3135
23	2	668	367	295	554	845	942	1386	3666
24	2	573	375	316	487	699	846	1009	2585
25	2	755	389	340	699	826	889	1432	3256
26	2	684	310	231	526	884	932	1548	3409
27	2	856	289	217	798	992	990	1289	4284
28	2	773	318	265	633	816	845	1135	2490
29	2	698	366	320	571	873	848	1512	3287
30	2	673	403	344	550	1004	998	1908	3168
Average		780	352.366667	290.033333	651.066667	897.833333	922.866667	1513.5	3204.13333
% Change from baseline			-54.8112683	-62.8051126	-16.5049374	15.1412816	18.3516437	94.0965246	310.909246



**CERTIFICATE OF PRIVATE LABEL MANUFACTURE AND FREE SALES  
OF CGI and AIRBIOTICS STABIOTICS™ PRODUCTS**

**PRODUCTS**

CGI and Stabiotics™ Products: Stabiotics Mist 200ML, Stabiotics Mist 50 ML, Probiotic Hand Cleaner 10 ML, Stabiotics All Purpose Cleaner 8 oz, 1 gallon & 5 Liter and Probiotic Cartridge of 105 ml volumes.

**FABRICATION**

The listed products are manufactured by Chrisal NV, Priester Daensstraat 9, 3920 Lommel, Belgium.

**QUALITY CONTROL**

The listed products are manufactured according to the certified ISO9001:2008 procedures for production and quality control.

**FREEDOM OF SELLING**

Chrisal NV hereby certifies that the above listed products are feely sold in the European Union and other areas as cleaning products for a wide range of uses including for air and HVAC's air conditioning systems for the cleaning of indoor environments for homes, offices and other buildings and automobiles.

  
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