



HYGIENETECH

Hygiene Technologies International, Inc.

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December 17, 2013

California State Board of Equalization
450 N Street
Sacramento, California 94279

Document No. 21310001.5

Attention: David Gau

Regarding: Limited Fungal Growth Exposure Assessment Surveys
October 2013 Random Sampling

Dear Mr. Gau:

On October 7, 14, 29, and 30, 2013, industrial hygienists with Hygiene Technologies International, Inc. (HygieneTech) conducted limited fungal growth exposure assessment surveys involving 23 randomly selected areas located within the California State Board of Equalization (BOE) building. The findings of the surveys, along with the analytical data, conclusions, and recommendations when applicable, appear below.

On the survey dates, air samples were collected for total (viable and nonviable) fungi analyses using a Zefon brand Bio-Pump Plus™ equipped with Air-O-Cell™ cassettes. All such samples were subsequently analyzed for fungi (including yeasts, molds, rusts, smuts, and mushrooms) by trained and experienced microbiologists at a laboratory accredited by the American Industrial Hygiene Association (AIHA) and that successfully participates in the AIHA Environmental Microbiology Proficiency Analytical Testing (EMPAT) Program. Please note that analysis for one of the sample (21310001-1TM02) collected on October 7, 2013 was not performed by the laboratory as the slide within the Air-O-Cell cassette was found to be in damaged condition. The airborne fungi assessment analytical data with supporting and background information appear in the enclosed table.

As presented in Table 21310001-1, the airborne spore count data recorded showed fungal spore types outdoors such as *Alternaria*, ascospores, basidiospores, *Chaetomium*, *Cladosporium*, colorless spores typical of *Penicillium/Aspergillus* species, *Curvularia*, *Epicoccum*, *Oidium*, other brown, *Nigrospora*, rusts, smuts, *Stemphylium*, *Torula*, *Ulocladium* and/or *Zygomycetes*. In the indoor areas tested, the data showed that airborne fungal spores were either not detected at or above the laboratory detection limit indicated or were detected at low airborne concentrations. The fungal spore types found indoor included *Alternaria*, ascospores, basidiospores, *Bipolaris/Drechslera* group, *Chaetomium*, *Cladosporium*, *Curvularia*, colorless spores typical of *Penicillium/Aspergillus* species, other brown, *Nigrospora*, *Pithomyces*, rusts, smuts, *Spegazzinia*, *Stemphylium*, *Torula*, and/or *Ulocladium*. The distribution of fungal spore types detected in the surveyed areas was generally consistent with those found outdoors, and the overall data within the tested areas were well below the overall outdoor data recorded. These data are



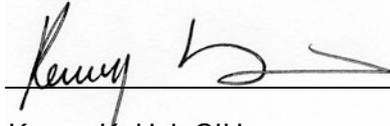
considered unremarkable and are not believed to pose a health risk beyond that posed by the outdoor environment where exposures to airborne fungi are expected.

Be advised that the data provided in this report only represent limited fungal growth and exposure potentials that existed at the time these surveys were performed and at the precise sample locations indicated. Note that fungal growth and exposure potentials may change due to changes in environmental conditions (such as those caused by water intrusion), use of mechanical systems, or other factors. Also be advised that additional fungal growth may exist at one or more locations in the structure that were not specifically assessed during the surveys.

If you have any comments or questions regarding the information contained in this correspondence, please feel free to contact our offices directly at (310) 370-8370.

Sincerely,

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.



Kenny K. Hsi, CIH
Technical Director

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A



CLIENT: California State Board of Equalization
450 N Street
Sacramento, California 94279

**TABLE 21310001-1
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
OCTOBER 7, 14, 29, AND 30, 2013**

Page 1

Results reported in spores per cubic meter of air (spores/M³)

SAMPLE NUMBER	21310001-1 TM01OUT	21310001-1 TM02	21310001-1 TM03	21310001-1 TM04
SAMPLING LOCATION/ACTIVITIES	Outdoors; about 15 feet east of building; approximately five feet above ground/Normal outdoor activities	3 rd Floor; Column N22 area; about ten feet northwest of the column; approximately five feet above floor/Normal office activities	5 th Floor; Column O19 area; Cubicle 42; approximately five feet above floor/Normal office activities	8 th Floor; Column J18 area; Cubicle 69; approximately five feet above floor/Normal office activities
DATE	10/07/13	10/07/13	10/07/13	10/07/13
START/STOP	14:04:00/14:09:00	14:13:00/14:18:00	14:25:00/14:30:00	14:33:00/14:38:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	450			
Ascospores	160			
Basidiospores	850			
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	11,000		53	
Curvularia	40			
Epicoccum	27			
Fusarium				
Nigrospora	110			
Oidium				
Other brown				13
Other colorless				
Penicillium/Aspergillus types	160			
Pithomyces				
Rusts	13			13
Smuts (Periconia, Myxomycetes)	53			
Stachybotrys				
Stemphylium	120			
Torula	40			
Ulocladium	13			
Hyphal fragments	790	<13	<13	<13
Background debris*	2+	None	2+	2+
TOTAL **	14,000	<13	53	27

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

**Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.

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450 N STREET
SACRAMENTO, CALIFORNIA
OCTOBER 7, 14, 29, AND 30, 2013

Page 2

Results reported in spores per cubic meter of air (spores/M³)

SAMPLE NUMBER	21310001-1 TM05	21310001-1 TM06	21310001-1 TM07	21310001-1 TM08OUT
SAMPLING LOCATION/ACTIVITIES	14 th Floor; Column O20 area; Cubicle 115; about center; approximately five feet above floor/Normal office activities	18 th Floor; Elevator Lobby; about center; approximately five feet above floor/Normal office activities	21 st Floor; Elevator Lobby; about center; approximately five feet above floor/Normal office activities	Outdoors; about 15 feet east of building; approximately five feet above ground/Normal outdoor activities
DATE	10/07/13	10/07/13	10/07/13	10/14/13
START/STOP	14:43:00/14:48:00	14:50:00/14:55:00	14:58:00/15:03:00	15:14:00/15:19:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria		27		130
Ascospores				530
Basidiospores				1,200
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				13
Cladosporium	53	320	270	4,700
Curvularia				
Epicoccum				13
Fusarium				
Nigrospora				200
Oidium				13
Other brown				
Penicillium/Aspergillus types		53	53	320
Pithomyces				
Rusts		13		27
Smuts (Periconia, Myxomycetes)		53	27	93
Stachybotrys				27
Stemphylium		13		
Torula		13		
Trichocladium				
Ulocladium				
Zygomycetes				27
Hyphal fragments	<13	13	<13	80
Background debris*	2+	2+	2+	2+
TOTAL **	53	490	350	7,400

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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450 N STREET
SACRAMENTO, CALIFORNIA
OCTOBER 7, 14, 29, AND 30, 2013**

Page 3

Results reported in spores per cubic meter of air (spores/M³)

SAMPLE NUMBER	21310001-1 TM09	21310001-1 TM10	21310001-1 TM11	21310001-1 TM12
SAMPLING LOCATION/ACTIVITIES	1 st Floor; hallway adjacent to Room 124; approximately five feet above floor/Sampling activities only	3 rd Floor; north hallway; about five feet north of northwestern stairwell entry door; approximately five feet above floor/Normal office activities	4 th Floor; Column K17 area; Cubicle 76 southeastern corner; approximately five feet above floor/Normal office activities	10 th Floor; Column K19 area; Cubicle 31 entry area; approximately five feet above floor/Normal office activities
DATE	10/14/13	10/14/13	10/14/13	10/14/13
START/STOP	15:34:00/15:39:00	15:50:00/15:55:00	15:59:00/16:04:00	16:10:00/16:15:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria		13		
Arthrinium				
Ascospores				
Basidiospores				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium			13	
Cladosporium	53		53	
Curvularia	13			
Epicoccum				
Fusarium				
Nigrospora	13			
Oidium				
Other brown	27			
Penicillium/Aspergillus types				
Pithomyces				
Rusts	27			
Smuts (Periconia, Myxomycetes)	53	13	13	
Stachybotrys				
Stemphylium				
Torula				
Ulocladium	13			
Hyphal fragments	13	<13	<13	<13
Background debris*	3+	2+	2+	2+
TOTAL**	200	27	80	<13

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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450 N STREET
SACRAMENTO, CALIFORNIA
OCTOBER 7, 14, 29, AND 30, 2013

Page 4

Results reported in spores per cubic meter of air (spores/M³)

SAMPLE NUMBER	21310001-1 TM13	21310001-1 TM14	21310001-1 TM15OUT	21310001-1 TM16
SAMPLING LOCATION/ACTIVITIES	11 th Floor; Column J21 area; Cubicle 11; about center; approximately five feet above floor/Normal office activities	19 th Floor; Elevator Lobby; about center; approximately five feet above floor/Normal office activities	Outdoors; about 20 feet north of building; approximately five feet above ground/Normal outdoor activities	24 th Floor; Elevator Lobby; about center; approximately five feet above floor/Normal office activities
DATE	10/14/13	10/14/13	10/29/13	10/29/13
START/STOP	16:19:00/16:24:00	16:29:00/16:34:00	14:20:00/14:25:00	14:37:00/14:42:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria			40	
Ascospores			1,700	
Basidiospores			3,700	160
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium			370	110
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Oidium			13	
Other brown	13			
Penicillium/Aspergillus types			320	
Pithomyces				
Rusts		13	110	27
Smuts (Periconia, Myxomycetes)				
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Zygomycetes				
Hyphal fragments	<13	13	80	<13
Background debris*	1+	1+	2+	2+
TOTAL**	13	13	6.200	290

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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SACRAMENTO, CALIFORNIA
OCTOBER 7, 14, 29, AND 30, 2013**

Page 5

Results reported in spores per cubic meter of air (spores/M³)

SAMPLE NUMBER	21310001-1 TM17	21310001-1 TM18	21310001-1 TM19	21310001-1 TM20
SAMPLING LOCATION/ACTIVITIES	23 rd Floor; Column K20 area; approximately five feet above floor/Normal office activities	22 nd Floor; Column N21 area; approximately five feet above floor/Normal office activities	20 th Floor; Room 2002; adjacent to Cubicle 74; approximately five feet above floor/Normal office activities	17 th Floor; Room 1707; Mail Station adjacent to Cubicle 130; approximately five feet above floor/Normal office activities
DATE	10/29/13	10/29/13	10/29/13	10/29/13
START/STOP	14:47:00/14:52:00	14:56:00/15:01:00	15:05:00/15:10:00	15:15:00/15:20:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Ascospores		53		
Basidiospores		53		
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium		160	160	
Curvularia				
Epicoccum				
Fusarium				
Myrothecium				
Nigrospora				
Oidium				
Other brown				
Penicillium/Aspergillus types				160
Pithomyces		13		
Rusts				13
Smuts (Periconia, Myxomycetes)				
Spegazzinia	13			
Stachybotrys				
Torula				
Ulocladium				
Zygomycetes				
Hyphal fragments	13	13	27	<13
Background debris*	2+	1+	2+	2+
TOTAL**	13	280	160	170

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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SACRAMENTO, CALIFORNIA
OCTOBER 7, 14, 29, AND 30, 2013

Page 6

Results reported in spores per cubic meter of air (spores/M³)

SAMPLE NUMBER	21310001-1 TM21OUT	21310001-1 TM22	21310001-1 TM23	21310001-1 TM24
SAMPLING LOCATION/ACTIVITIES	Outdoors; about 20 feet east of building; approximately five feet above ground/Normal outdoor activities	2 nd Floor; Elevator Lobby; about center; approximately five feet above floor/Normal office activities	6 th Floor; Column N21 area; Cubicle 115; about center; approximately five feet above floor/Normal office activities	7 th Floor; Column L22 area; Mail Station; approximately five feet above floor/Normal office activities
DATE	10/30/13	10/30/13	10/30/13	10/30/13
START/STOP	10:45:00/10:50:00	11:00:00/11:05:00	11:08:00/11:13:00	11:16:00/11:21:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	13			
Ascospores	2,500	53		
Basidiospores	18,000	110	53	
Bipolaris/Drechslera group		13		
Botrytis				
Chaetomium				
Cladosporium	750	160	53	
Curvularia				
Epicoccum	27			
Fusarium				
Myrothecium				
Nigrospora	27	13		
Oidium				
Other brown	13		13	13
Penicillium/Aspergillus types	160			110
Pithomyces				
Rusts	27	13		
Smuts (Periconia, Myxomycetes)	93	40	13	
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	53	<13	<13	<13
Background debris*	2+	2+	2+	1+
TOTAL**	21,000	400	130	120

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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Sacramento, California 94279

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SACRAMENTO, CALIFORNIA
OCTOBER 7, 14, 29, AND 30, 2013

Page 7

Results reported in spores per cubic meter of air (spores/M³)

SAMPLE NUMBER	21310001-1 TM25	21310001-1 TM26	21310001-1 TM27	
SAMPLING LOCATION/ACTIVITIES	9 th Floor; Column K22 area; Fax Station; approximately five feet above floor/Normal office activities	15 th Floor; Column L18 area; Cubicle 063; approximately five feet above floor/Normal office activities	16 th Floor; Column K22 area; Cubicle 72/73; approximately five feet above floor/Normal office activities	This Column intentionally left blank
DATE	10/30/13	10/30/13	10/30/13	
START/STOP	11:25:00/11:30:00	11:37:00/11:42:00	11:45:00/11:50:00	
SAMPLE TIME	5 minutes	5 minutes	5 minutes	
Alternaria	13			
Ascospores				
Basidiospores				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium				
Curvularia				
Epicoccum				
Fusarium				
Myrothecium				
Nigrospora				
Oidium				
Other brown			13	
Penicillium/Aspergillus types				
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)	27			
Stachybotrys				
Torula				
Ulocladium				
Zygomycetes				
Hyphal fragments	<13	<13	<13	
Background debris*	2+	1+	2+	
TOTAL**	40	<13	13	

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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Report for:

Mr. Chun Lau, Mr. Larry Sandhu
Hygiene Technologies International, Inc.
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21310001-1
EML ID: 1124262

Approved by:

Technical Manager
Melissa Tracey

REVISED REPORT

Dates of Analysis:
Spore trap analysis: 12-10-2013

Service SOPs: Spore trap analysis (1038)
AIHA-LAP, LLC accredited service, Lab ID #179768

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau, Mr. Larry Sandhu
Re: 21310001-1Date of Sampling: 10-07-2013
Date of Receipt: 10-08-2013
Date of Report: 10-09-2013**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	21310001-1 TM01 OUT		21310001-1 TM02		21310001-1 TM03		21310001-1 TM04	
Comments (see below)	None		A		None		None	
Lab ID-Version‡:	5075129-2		5075130-2		5075131-2		5075132-2	
Analysis Date:	12/10/2013		12/10/2013		12/10/2013		12/10/2013	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	34	450						
Ascospores	3	160						
Basidiospores	16	850						
Chaetomium								
Cladosporium	215	11,000			1	53		
Curvularia	3	40						
Epicoccum	2	27						
Fusarium								
Myrothecium								
Nigrospora	8	110						
Other brown							1	13
Other colorless								
Penicillium/Aspergillus types†	3	160						
Pithomyces								
Rusts	1	13					1	13
Smuts, Periconia, Myxomycetes	4	53						
Stachybotrys								
Stemphylium	9	120						
Torula	3	40						
Ulocladium	1	13						
Zygomycetes								
Background debris (1-4+)††	2+		None		2+		2+	
Hyphal fragments/m3	790		< 13		< 13		< 13	
Pollen/m3	13		< 13		27		< 13	
Skin cells (1-4+)	< 1+		None		1+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		14,000		< 13		53		27

Comments:A) The slide was received broken. Analysis was not possible.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau, Mr. Larry Sandhu
Re: 21310001-1Date of Sampling: 10-07-2013
Date of Receipt: 10-08-2013
Date of Report: 10-09-2013**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	21310001-1 TM05		21310001-1 TM06		21310001-1 TM07	
Comments (see below)	None		None		None	
Lab ID-Version‡:	5075133-2		5075134-2		5075135-2	
Analysis Date:	12/10/2013		12/10/2013		12/10/2013	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			2	27		
Ascospores						
Basidiospores						
Chaetomium						
Cladosporium	1	53	6	320	5	270
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other brown						
Other colorless						
Penicillium/Aspergillus types†			1	53	1	53
Pithomyces						
Rusts			1	13		
Smuts, Periconia, Myxomycetes			4	53	2	27
Stachybotrys						
Stemphylium			1	13		
Torula			1	13		
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+		2+		2+	
Hyphal fragments/m3	< 13		13		< 13	
Pollen/m3	13		13		< 13	
Skin cells (1-4+)	1+		1+		1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		53		490		350

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

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Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau, Mr. Larry Sandhu
Re: 21310001-1

Date of Sampling: 10-07-2013
Date of Receipt: 10-08-2013
Date of Report: 10-09-2013

MoldRANGE™: Extended Outdoor Comparison
Outdoor Location: 21310001-1 TM01 OUT

Fungi Identified	Outdoor data	Typical Outdoor Data for: October in California† (n‡=15720)						Typical Outdoor Data for: The entire year in California† (n‡=188141)					
		very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	450	13	13	27	80	120	60	13	13	27	67	110	54
Bipolaris/Drechslera group	-	7	13	13	27	53	17	7	13	13	27	40	12
Chaetomium	-	8	13	13	33	53	24	8	13	13	27	47	19
Cladosporium	11,000	160	350	1,100	3,100	5,700	98	110	210	630	1,700	2,800	97
Curvularia	40	8	13	13	40	73	13	7	13	13	27	53	6
Epicoccum	27	8	13	13	40	53	20	8	13	13	33	53	19
Nigrospora	110	10	13	13	53	93	20	7	13	13	27	53	8
Other brown	-	13	13	13	40	53	37	13	13	13	40	53	34
Penicillium/Aspergillus types	160	53	110	320	910	1,500	90	53	100	210	590	1,000	85
Stachybotrys	-	7	13	13	38	67	5	7	13	13	33	67	4
Stemphylium	120	7	13	13	27	40	10	7	13	13	27	40	9
Torula	40	8	13	13	40	67	12	8	13	13	40	67	12
Ulocladium	13	11	13	13	40	53	14	8	13	13	27	40	10
Seldom found growing indoors**													
Ascospores	160	20	50	110	330	730	70	25	53	110	360	690	71
Basidiospores	850	53	100	270	1,100	2,700	94	53	80	270	1,000	2,400	93
Rusts	13	11	13	13	50	80	26	13	13	13	53	80	27
Smuts, Periconia, Myxomycetes	53	13	17	53	130	240	75	13	13	40	110	200	68
§ TOTAL SPORES/m3	14,000												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 20% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

** These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

‡n = number of samples used to calculate data.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau, Mr. Larry Sandhu
 Re: 21310001-1

Date of Sampling: 10-07-2013
 Date of Receipt: 10-08-2013
 Date of Report: 10-09-2013

MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 21310001-1 TM01 OUT:

Species detected	Outdoor sample spores/m3				Typical outdoor ranges (North America)	Freq. %
	<100	1K	10K	>100K		
Alternaria				450	7 - 33 - 590	46
Ascospores				160	13 - 210 - 5,700	77
Basidiospores				850	13 - 450 - 24,000	92
Cladosporium				11,000	27 - 480 - 10,000	91
Curvularia				40	7 - 27 - 610	17
Epicoccum				27	7 - 20 - 330	25
Nigrospora				110	7 - 13 - 230	16
Penicillium/Aspergillus types				160	13 - 170 - 2,700	68
Rusts				13	7 - 20 - 360	20
Smuts, Periconia, Myxomycetes				53	7 - 53 - 930	64
Stemphylium				120	7 - 13 - 85	3
Torula				40	7 - 13 - 180	9
Ulocladium				13	7 - 13 - 93	4
Total				14,000		

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurrence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

Indoor Samples

Location: 21310001-1 TM02

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: 5 Result: 12.8571 Critical value: 11.0705 Inside Similar: No	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low
Species Detected	Spores/m3			
	<100	1K	10K	>100K
None Detected				< 13

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau, Mr. Larry Sandhu
 Re: 21310001-1

Date of Sampling: 10-07-2013
 Date of Receipt: 10-08-2013
 Date of Report: 10-09-2013

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21310001-1 TM03

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 5 Result: 12.8571 Critical value: 11.0705 Inside Similar: No	Result: 0.1429	dF: 13 Result: 0.6113 Critical value: 0.4780 Outside Similar: Yes	Score: 101 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Cladosporium					53
Total					53

Location: 21310001-1 TM04

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 5 Result: 12.8571 Critical value: 11.0705 Inside Similar: No	Result: 0.1333	dF: 14 Result: -0.0352 Critical value: 0.4593 Outside Similar: No	Score: 105 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Other brown					13
Rusts					13
Total					27

Location: 21310001-1 TM05

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 5 Result: 12.8571 Critical value: 11.0705 Inside Similar: No	Result: 0.1429	dF: 13 Result: 0.6113 Critical value: 0.4780 Outside Similar: Yes	Score: 101 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Cladosporium					53
Total					53

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau, Mr. Larry Sandhu
 Re: 21310001-1

Date of Sampling: 10-07-2013
 Date of Receipt: 10-08-2013
 Date of Report: 10-09-2013

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21310001-1 TM06

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 3%	dF: 5 Result: 12.8571 Critical value: 11.0705 Inside Similar: No	Result: 0.7000	dF: 13 Result: 0.4080 Critical value: 0.4780 Outside Similar: No	Score: 121 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Alternaria					27
Cladosporium					320
Penicillium/Aspergillus types					53
Rusts					13
Smuts, Periconia, Myxomycetes					53
Stemphylium					13
Torula					13
Total					490

Location: 21310001-1 TM07

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 2%	dF: 5 Result: 12.8571 Critical value: 11.0705 Inside Similar: No	Result: 0.3750	dF: 13 Result: 0.5371 Critical value: 0.4780 Outside Similar: Yes	Score: 108 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Cladosporium					270
Penicillium/Aspergillus types					53
Smuts, Periconia, Myxomycetes					27
Total					350

* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

** An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau, Mr. Larry Sandhu
Re: 21310001-1

Date of Sampling: 10-07-2013
Date of Receipt: 10-08-2013
Date of Report: 10-09-2013

MoldSTAT™: Supplementary Statistical Spore Trap Report

*** The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

**** MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&K reserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau, Mr. Larry Sandhu
 Re: 21310001-1

Date of Sampling: 10-07-2013
 Date of Receipt: 10-08-2013
 Date of Report: 10-09-2013

MoldSCORE™: Spore Trap Report

Outdoor Sample: 21310001-1 TM01 OUT

Fungi Identified	Outdoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
Generally able to grow indoors*						
Alternaria					34	450
Bipolaris/Drechslera group					ND	< 13
Chaetomium					ND	< 13
Cladosporium					215	11,000
Curvularia					3	40
Epicoccum					2	27
Nigrospora					8	110
Penicillium/Aspergillus types†					3	160
Stachybotrys					ND	< 13
Stemphylium					9	120
Torula					3	40
Ulocladium					1	13
Seldom found growing indoors**						
Ascospores					3	160
Basidiospores					16	850
Rusts					1	13
Smuts, Periconia, Myxomycetes					4	53
Total						13,507

Location: 21310001-1 TM02

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
Generally able to grow indoors*						
Alternaria					ND	< 13
Bipolaris/Drechslera group					ND	< 13
Chaetomium					ND	< 13
Cladosporium					ND	< 13
Curvularia					ND	< 13
Nigrospora					ND	< 13
Penicillium/Aspergillus types†					ND	< 13
Stachybotrys					ND	< 13
Torula					ND	< 13
Seldom found growing indoors**						
Ascospores					ND	< 13
Basidiospores					ND	< 13
Rusts					ND	< 13
Smuts, Periconia, Myxomycetes					ND	< 13
Total						N/A

MoldSCORE‡			
100	200	300	Score
			100
			100
			100
			100
			100
			100
			100
			100
			100
			100
			100
			100
			100
Final MoldSCORE			100

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau, Mr. Larry Sandhu
 Re: 21310001-1

Date of Sampling: 10-07-2013
 Date of Receipt: 10-08-2013
 Date of Report: 10-09-2013

MoldSCORE™: Spore Trap Report

Location: 21310001-1 TM03

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria					ND	< 13				100
Bipolaris/Drechslera group					ND	< 13				100
Chaetomium					ND	< 13				100
Cladosporium					1	53				101
Curvularia					ND	< 13				100
Nigrospora					ND	< 13				100
Penicillium/Aspergillus types†					ND	< 13				100
Stachybotrys					ND	< 13				100
Torula					ND	< 13				100
Seldom found growing indoors**										
Ascospores					ND	< 13				100
Basidiospores					ND	< 13				100
Rusts					ND	< 13				100
Smuts, Periconia, Myxomycetes					ND	< 13				100
Total						53				Final MoldSCORE 101

Location: 21310001-1 TM04

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria					ND	< 13				100
Bipolaris/Drechslera group					ND	< 13				100
Chaetomium					ND	< 13				100
Cladosporium					ND	< 13				100
Curvularia					ND	< 13				100
Nigrospora					ND	< 13				100
Other brown					1	13				105
Penicillium/Aspergillus types†					ND	< 13				100
Stachybotrys					ND	< 13				100
Torula					ND	< 13				100
Seldom found growing indoors**										
Ascospores					ND	< 13				100
Basidiospores					ND	< 13				100
Rusts					1	13				105
Smuts, Periconia, Myxomycetes					ND	< 13				100
Total						27				Final MoldSCORE 105

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau, Mr. Larry Sandhu
 Re: 21310001-1

Date of Sampling: 10-07-2013
 Date of Receipt: 10-08-2013
 Date of Report: 10-09-2013

MoldSCORE™: Spore Trap Report

Location: 21310001-1 TM05

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria					ND	< 13	100			
Bipolaris/Drechslera group					ND	< 13	100			
Chaetomium					ND	< 13	100			
Cladosporium	█				1	53	101			
Curvularia					ND	< 13	100			
Nigrospora					ND	< 13	100			
Penicillium/Aspergillus types†					ND	< 13	100			
Stachybotrys					ND	< 13	100			
Torula					ND	< 13	100			
Seldom found growing indoors**										
Ascospores					ND	< 13	100			
Basidiospores					ND	< 13	100			
Rusts					ND	< 13	100			
Smuts, Periconia, Myxomycetes					ND	< 13	100			
Total						53	Final MoldSCORE 101			

Location: 21310001-1 TM06

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria	█				2	27	104			
Bipolaris/Drechslera group					ND	< 13	100			
Chaetomium					ND	< 13	100			
Cladosporium	█	█			6	320	100			
Curvularia					ND	< 13	100			
Nigrospora					ND	< 13	100			
Penicillium/Aspergillus types†	█				1	53	107			
Stachybotrys					ND	< 13	100			
Stemphylium	█				1	13	104			
Torula	█				1	13	105			
Seldom found growing indoors**										
Ascospores					ND	< 13	100			
Basidiospores					ND	< 13	100			
Rusts	█				1	13	105			
Smuts, Periconia, Myxomycetes	█				4	53	110			
Total						493	Final MoldSCORE 122			

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau, Mr. Larry Sandhu
 Re: 21310001-1

Date of Sampling: 10-07-2013
 Date of Receipt: 10-08-2013
 Date of Report: 10-09-2013

MoldSCORE™: Spore Trap Report

Location: 21310001-1 TM07

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡		
	<100	1K	10K	>100K			100	200	300
Generally able to grow indoors*									
Alternaria					ND	< 13			100
Bipolaris/Drechslera group					ND	< 13			100
Chaetomium					ND	< 13			100
Cladosporium	■				5	270			100
Curvularia					ND	< 13			100
Nigrospora					ND	< 13			100
Penicillium/Aspergillus types†	■				1	53			108
Stachybotrys					ND	< 13			100
Torula					ND	< 13			100
Seldom found growing indoors**									
Ascospores					ND	< 13			100
Basidiospores					ND	< 13			100
Rusts					ND	< 13			100
Smuts, Periconia, Myxomycetes	■				2	27			105
Total						347			108
							Final MoldSCORE		108

* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

** These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.



Report for:

Mr. Chun Lau, Mr. Larry Sandhu
Hygiene Technologies International, Inc.
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21310001-1
EML ID: 1127277

Approved by:

Technical Manager
Melissa Tracey

REVISED REPORT

Dates of Analysis:
Spore trap analysis: 12-10-2013

Service SOPs: Spore trap analysis (1038)
AIHA-LAP, LLC accredited service, Lab ID #179768

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau, Mr. Larry Sandhu
Re: 21310001-1

Date of Receipt: 10-15-2013
Date of Report: 10-16-2013

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21310001-1 TM08out		21310001-1 TM09		21310001-1 TM10		21310001-1 TM11	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	5089590-2		5089591-2		5089592-2		5089593-2	
Analysis Date:	12/10/2013		12/10/2013		12/10/2013		12/10/2013	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	10	130			1	13		
Ascospores	10	530						
Basidiospores	23	1,200						
Chaetomium	1	13					1	13
Cladosporium	89	4,700	1	53			1	53
Curvularia			1	13				
Epicoccum	1	13						
Myrothecium								
Nigrospora	15	200	1	13				
Other brown	1	13	2	27				
Other colorless								
Penicillium/Aspergillus types†	6	320						
Pithomyces								
Rusts	2	27	2	27				
Smuts, Periconia, Myxomycetes	7	93	4	53	1	13	1	13
Stachybotrys	2	27						
Stemphylium								
Torula								
Ulocladium			1	13				
Zygomycetes	2	27						
Background debris (1-4+)††	2+		3+		2+		2+	
Hyphal fragments/m3	80		13		< 13		< 13	
Pollen/m3	< 13		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		2+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		7,400		200		27		80

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau, Mr. Larry Sandhu
Re: 21310001-1

Date of Receipt: 10-15-2013
Date of Report: 10-16-2013

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21310001-1 TM12		21310001-1 TM13		21310001-1 TM14	
Comments (see below)	None		None		None	
Lab ID-Version‡:	5089594-2		5089595-2		5089596-2	
Analysis Date:	12/10/2013		12/10/2013		12/10/2013	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria						
Ascospores						
Basidiospores						
Chaetomium			1	13		
Cladosporium						
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other brown			1	13		
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces						
Rusts					1	13
Smuts, Periconia, Myxomycetes						
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+		1+		1+	
Hyphal fragments/m3	< 13		< 13		13	
Pollen/m3	13		< 13		< 13	
Skin cells (1-4+)	1+		< 1+		< 1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		< 13		27		13

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau, Mr. Larry Sandhu
Re: 21310001-1

Date of Receipt: 10-15-2013
Date of Report: 10-16-2013

MoldRANGE™: Extended Outdoor Comparison
Outdoor Location: 21310001-1 TM08out

Fungi Identified	Outdoor data	Typical Outdoor Data for: October in California† (n‡=15720)						Typical Outdoor Data for: The entire year in California† (n‡=188141)					
		very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	130	13	13	27	80	120	60	13	13	27	67	110	54
Bipolaris/Drechslera group	-	7	13	13	27	53	17	7	13	13	27	40	12
Chaetomium	13	8	13	13	33	53	24	8	13	13	27	47	19
Cladosporium	4,700	160	350	1,100	3,100	5,700	98	110	210	630	1,700	2,800	97
Curvularia	-	8	13	13	40	73	13	7	13	13	27	53	6
Epicoccum	13	8	13	13	40	53	20	8	13	13	33	53	19
Nigrospora	200	10	13	13	53	93	20	7	13	13	27	53	8
Other brown	13	13	13	13	40	53	37	13	13	13	40	53	34
Penicillium/Aspergillus types	320	53	110	320	910	1,500	90	53	100	210	590	1,000	85
Stachybotrys	27	7	13	13	38	67	5	7	13	13	33	67	4
Torula	-	8	13	13	40	67	12	8	13	13	40	67	12
Ulocladium	-	11	13	13	40	53	14	8	13	13	27	40	10
Zygomycetes	27	13	13	20	53	69	< 1	13	13	20	53	100	< 1
Seldom found growing indoors**													
Ascospores	530	20	50	110	330	730	70	25	53	110	360	690	71
Basidiospores	1,200	53	100	270	1,100	2,700	94	53	80	270	1,000	2,400	93
Rusts	27	11	13	13	50	80	26	13	13	13	53	80	27
Smuts, Periconia, Myxomycetes	93	13	17	53	130	240	75	13	13	40	110	200	68
§ TOTAL SPORES/m3	7,400												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 20% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

** These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

‡n = number of samples used to calculate data.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau, Mr. Larry Sandhu
 Re: 21310001-1

Date of Receipt: 10-15-2013
 Date of Report: 10-16-2013

MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 21310001-1 TM08out:

Species detected	Outdoor sample spores/m3				Typical outdoor ranges (North America)	Freq. %
	<100	1K	10K	>100K		
Alternaria				130	7 - 33 - 590	45
Ascospores				530	13 - 210 - 5,700	76
Basidiospores				1,200	13 - 450 - 24,000	92
Chaetomium				13	7 - 13 - 160	9
Cladosporium				4,700	27 - 480 - 11,000	90
Epicoccum				13	7 - 20 - 330	25
Nigrospora				200	7 - 13 - 240	16
Other brown				13	7 - 13 - 120	24
Penicillium/Aspergillus types				320	13 - 170 - 2,700	68
Rusts				27	7 - 20 - 360	20
Smuts, Periconia, Myxomycetes				93	7 - 53 - 930	64
Stachybotrys				27	7 - 13 - 550	3
Zygomycetes				27	7 - 40 - 1,300	< 1
Total				7,400		

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurrence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

Indoor Samples

Location: 21310001-1 TM09

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 2%	dF: 5 Result: 10.4921 Critical value: 11.0705 Inside Similar: Yes	Result: 0.5000	dF: 15 Result: 0.0348 Critical value: 0.4429 Outside Similar: No	Score: 132 Result: Low
Species Detected	Spores/m3			
	<100	1K	10K	>100K
Cladosporium				53
Curvularia				13
Nigrospora				13
Other brown				27
Rusts				27
Smuts, Periconia, Myxomycetes				53
Ulocladium				13
Total				200

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau, Mr. Larry Sandhu
 Re: 21310001-1

Date of Receipt: 10-15-2013
 Date of Report: 10-16-2013

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21310001-1 TM10

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 5 Result: 10.4921 Critical value: 11.0705 Inside Similar: Yes	Result: 0.2667	dF: 13 Result: 0.3503 Critical value: 0.4780 Outside Similar: No	Score: 108 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Alternaria					13
Smuts, Periconia, Myxomycetes					13
Total					27

Location: 21310001-1 TM11

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 1%	dF: 5 Result: 10.4921 Critical value: 11.0705 Inside Similar: Yes	Result: 0.3750	dF: 13 Result: 0.3214 Critical value: 0.4780 Outside Similar: No	Score: 121 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Chaetomium					13
Cladosporium					53
Smuts, Periconia, Myxomycetes					13
Total					80

Location: 21310001-1 TM12

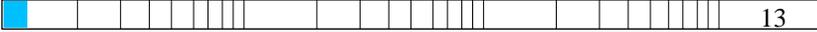
% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 5 Result: 10.4921 Critical value: 11.0705 Inside Similar: Yes	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
None Detected					< 13

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau, Mr. Larry Sandhu
 Re: 21310001-1

Date of Receipt: 10-15-2013
 Date of Report: 10-16-2013

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21310001-1 TM13

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 5 Result: 10.4921 Critical value: 11.0705 Inside Similar: Yes	Result: 0.2667	dF: 13 Result: -0.0426 Critical value: 0.4780 Outside Similar: No	Score: 121 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Chaetomium					13
Other brown					13
Total					27

Location: 21310001-1 TM14

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 5 Result: 10.4921 Critical value: 11.0705 Inside Similar: Yes	Result: 0.1429	dF: 13 Result: 0.3324 Critical value: 0.4780 Outside Similar: No	Score: 100 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Rusts					13
Total					13

* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

** An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

*** The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau, Mr. Larry Sandhu
Re: 21310001-1

Date of Receipt: 10-15-2013
Date of Report: 10-16-2013

MoldSTAT™: Supplementary Statistical Spore Trap Report

**** MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&K reserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau, Mr. Larry Sandhu
 Re: 21310001-1

Date of Receipt: 10-15-2013
 Date of Report: 10-16-2013

MoldSCORE™: Spore Trap Report

Outdoor Sample: 21310001-1 TM08out

Fungi Identified	Outdoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
Generally able to grow indoors*						
Alternaria					10	130
Bipolaris/Drechslera group					ND	< 13
Chaetomium					1	13
Cladosporium					89	4,700
Curvularia					ND	< 13
Epicoccum					1	13
Nigrospora					15	200
Other brown					1	13
Penicillium/Aspergillus types†					6	320
Stachybotrys					2	27
Torula					ND	< 13
Zygomycetes					2	27
Seldom found growing indoors**						
Ascospores					10	530
Basidiospores					23	1,200
Rusts					2	27
Smuts, Periconia, Myxomycetes					7	93
Total						7,373

Location: 21310001-1 TM09

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
Generally able to grow indoors*						
Alternaria					ND	< 13
Bipolaris/Drechslera group					ND	< 13
Chaetomium					ND	< 13
Cladosporium					1	53
Curvularia					1	13
Nigrospora					1	13
Other brown					2	27
Penicillium/Aspergillus types†					ND	< 13
Stachybotrys					ND	< 13
Torula					ND	< 13
Ulocladium					1	13
Seldom found growing indoors**						
Ascospores					ND	< 13
Basidiospores					ND	< 13
Rusts					2	27
Smuts, Periconia, Myxomycetes					4	53
Total						200

MoldSCORE‡			
100	200	300	Score
			100
			100
			100
			100
			105
			103
			111
			100
			100
			100
			105
			100
			100
			110
			110
Final MoldSCORE			132

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau, Mr. Larry Sandhu
 Re: 21310001-1

Date of Receipt: 10-15-2013
 Date of Report: 10-16-2013

MoldSCORE™: Spore Trap Report

Location: 21310001-1 TM10

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria					1	13				
Bipolaris/Drechslera group					ND	< 13				
Chaetomium					ND	< 13				
Cladosporium					ND	< 13				
Curvularia					ND	< 13				
Nigrospora					ND	< 13				
Penicillium/Aspergillus types†					ND	< 13				
Stachybotrys					ND	< 13				
Torula					ND	< 13				
Seldom found growing indoors**										
Ascospores					ND	< 13				
Basidiospores					ND	< 13				
Rusts					ND	< 13				
Smuts, Periconia, Myxomycetes					1	13				
Total						27	Final MoldSCORE 108			

Location: 21310001-1 TM11

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria					ND	< 13				
Bipolaris/Drechslera group					ND	< 13				
Chaetomium					1	13				
Cladosporium					1	53				
Curvularia					ND	< 13				
Nigrospora					ND	< 13				
Penicillium/Aspergillus types†					ND	< 13				
Stachybotrys					ND	< 13				
Torula					ND	< 13				
Seldom found growing indoors**										
Ascospores					ND	< 13				
Basidiospores					ND	< 13				
Rusts					ND	< 13				
Smuts, Periconia, Myxomycetes					1	13				
Total						80	Final MoldSCORE 121			

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau, Mr. Larry Sandhu
 Re: 21310001-1

Date of Receipt: 10-15-2013
 Date of Report: 10-16-2013

MoldSCORE™: Spore Trap Report

Location: 21310001-1 TM12

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria					ND	< 13	█			100
Bipolaris/Drechslera group					ND	< 13	█			100
Chaetomium					ND	< 13	█			100
Cladosporium					ND	< 13	█			100
Curvularia					ND	< 13	█			100
Nigrospora					ND	< 13	█			100
Penicillium/Aspergillus types†					ND	< 13	█			100
Stachybotrys					ND	< 13	█			100
Torula					ND	< 13	█			100
Seldom found growing indoors**										
Ascospores					ND	< 13	█			100
Basidiospores					ND	< 13	█			100
Rusts					ND	< 13	█			100
Smuts, Periconia, Myxomycetes					ND	< 13	█			100
Total						N/A				Final MoldSCORE 100

Location: 21310001-1 TM13

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria					ND	< 13	█			100
Bipolaris/Drechslera group					ND	< 13	█			100
Chaetomium	█				1	13	█	█		121
Cladosporium					ND	< 13	█			100
Curvularia					ND	< 13	█			100
Nigrospora					ND	< 13	█			100
Other brown	█				1	13	█	█		105
Penicillium/Aspergillus types†					ND	< 13	█			100
Stachybotrys					ND	< 13	█			100
Torula					ND	< 13	█			100
Seldom found growing indoors**										
Ascospores					ND	< 13	█			100
Basidiospores					ND	< 13	█			100
Rusts					ND	< 13	█			100
Smuts, Periconia, Myxomycetes					ND	< 13	█			100
Total						27				Final MoldSCORE 121



Report for:

Mr. Chun Lau
Hygiene Technologies International, Inc.
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21310001-1
EML ID: 1133671

Approved by:

Technical Manager
Melissa Tracey

Dates of Analysis:
Spore trap analysis: 10-31-2013

Service SOPs: Spore trap analysis (1038)
AIHA-LAP, LLC accredited service, Lab ID #179768

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau
Re: 21310001-1Date of Sampling: 10-30-2013
Date of Receipt: 10-30-2013
Date of Report: 10-31-2013**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	21310001-1-TM21 OUT	21310001-1-TM22	21310001-1-TM23	21310001-1-TM24				
Comments (see below)	None	None	None	None				
Lab ID-Version‡:	5120714-1	5120715-1	5120716-1	5120717-1				
Analysis Date:	10/31/2013	10/31/2013	10/31/2013	10/31/2013				
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13						
Ascospores	47	2,500	1	53				
Basidiospores	329	18,000	2	110	1	53		
Bipolaris/Drechslera group			1	13				
Chaetomium								
Cladosporium	14	750	3	160	1	53		
Epicoccum	2	27						
Fusarium								
Myrothecium								
Nigrospora	2	27	1	13				
Other brown	1	13			1	13	1	13
Other colorless								
Penicillium/Aspergillus types†	3	160					2	110
Pithomyces								
Rusts	2	27	1	13				
Smuts, Periconia, Myxomycetes	7	93	3	40	1	13		
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	2+		2+		2+		1+	
Hyphal fragments/m3	53		< 13		< 13		< 13	
Pollen/m3	13		27		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		1+		< 1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		21,000		400		130		120

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for sample volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau
Re: 21310001-1

Date of Sampling: 10-30-2013
Date of Receipt: 10-30-2013
Date of Report: 10-31-2013

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21310001-1-TM25		21310001-1-TM26		21310001-1-TM27	
Comments (see below)	None		None		None	
Lab ID-Version‡:	5120718-1		5120719-1		5120720-1	
Analysis Date:	10/31/2013		10/31/2013		10/31/2013	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13				
Ascospores						
Basidiospores						
Bipolaris/Drechslera group						
Chaetomium						
Cladosporium						
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other brown					1	13
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes	2	27				
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+		1+		2+	
Hyphal fragments/m3	< 13		< 13		< 13	
Pollen/m3	< 13		< 13		< 13	
Skin cells (1-4+)	1+		< 1+		1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		40		< 13		13

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau
Re: 21310001-1

Date of Sampling: 10-30-2013
Date of Receipt: 10-30-2013
Date of Report: 10-31-2013

MoldRANGE™: Extended Outdoor Comparison
Outdoor Location: 21310001-1-TM21 OUT

Fungi Identified	Outdoor data	Typical Outdoor Data for: October in California† (n‡=15720)						Typical Outdoor Data for: The entire year in California† (n‡=188141)					
		very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	13	13	13	27	80	120	60	13	13	27	67	110	54
Bipolaris/Drechslera group	-	7	13	13	27	53	17	7	13	13	27	40	12
Chaetomium	-	8	13	13	33	53	24	8	13	13	27	47	19
Cladosporium	750	160	350	1,100	3,100	5,700	98	110	210	630	1,700	2,800	97
Curvularia	-	8	13	13	40	73	13	7	13	13	27	53	6
Epicoccum	27	8	13	13	40	53	20	8	13	13	33	53	19
Nigrospora	27	10	13	13	53	93	20	7	13	13	27	53	8
Other brown	13	13	13	13	40	53	37	13	13	13	40	53	34
Penicillium/Aspergillus types	160	53	110	320	910	1,500	90	53	100	210	590	1,000	85
Stachybotrys	-	7	13	13	38	67	5	7	13	13	33	67	4
Torula	-	8	13	13	40	67	12	8	13	13	40	67	12
Seldom found growing indoors**													
Ascospores	2,500	20	50	110	330	730	70	25	53	110	360	690	71
Basidiospores	18,000	53	100	270	1,100	2,700	94	53	80	270	1,000	2,400	93
Rusts	27	11	13	13	50	80	26	13	13	13	53	80	27
Smuts, Periconia, Myxomycetes	93	13	17	53	130	240	75	13	13	40	110	200	68
§ TOTAL SPORES/m3	21,000												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 20% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

** These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

‡n = number of samples used to calculate data.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau
 Re: 21310001-1

Date of Sampling: 10-30-2013
 Date of Receipt: 10-30-2013
 Date of Report: 10-31-2013

MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 21310001-1-TM21 OUT:

Species detected	Outdoor sample spores/m3				Typical outdoor ranges (North America)	Freq. %
	<100	1K	10K	>100K		
Alternaria				13	7 - 33 - 590	45
Ascospores				2,500	13 - 210 - 5,700	76
Basidiospores				18,000	13 - 450 - 24,000	92
Cladosporium				750	27 - 480 - 11,000	90
Epicoccum				27	7 - 20 - 330	25
Nigrospora				27	7 - 13 - 240	16
Other brown				13	7 - 13 - 120	24
Penicillium/Aspergillus types				160	13 - 170 - 2,700	68
Rusts				27	7 - 20 - 360	20
Smuts, Periconia, Myxomycetes				93	7 - 53 - 930	64
Total				21,000		

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurrence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

Indoor Samples

Location: 21310001-1-TM22

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 1%	dF: 5 Result: 9.3143 Critical value: 11.0705 Inside Similar: Yes	Result: 0.7059	dF: 11 Result: 0.6795 Critical value: 0.5273 Outside Similar: Yes	Score: 117 Result: Low
Species Detected	Spores/m3			
	<100	1K	10K	>100K
Ascospores				53
Basidiospores				110
Bipolaris/Drechslera group				13
Cladosporium				160
Nigrospora				13
Rusts				13
Smuts, Periconia, Myxomycetes				40
Total				400

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau
 Re: 21310001-1

Date of Sampling: 10-30-2013
 Date of Receipt: 10-30-2013
 Date of Report: 10-31-2013

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21310001-1-TM23

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 5 Result: 9.3143 Critical value: 11.0705 Inside Similar: Yes	Result: 0.5714	dF: 10 Result: 0.4667 Critical value: 0.5515 Outside Similar: No	Score: 108 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Basidiospores					53
Cladosporium					53
Other brown					13
Smuts, Periconia, Myxomycetes					13
Total					130

Location: 21310001-1-TM24

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 5 Result: 9.3143 Critical value: 11.0705 Inside Similar: Yes	Result: 0.3333	dF: 10 Result: 0.1515 Critical value: 0.5515 Outside Similar: No	Score: 117 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Other brown					13
Penicillium/Aspergillus types					110
Total					120

Location: 21310001-1-TM25

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 5 Result: 9.3143 Critical value: 11.0705 Inside Similar: Yes	Result: 0.3333	dF: 10 Result: 0.0848 Critical value: 0.5515 Outside Similar: No	Score: 110 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Alternaria					13
Smuts, Periconia, Myxomycetes					27
Total					40

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau
 Re: 21310001-1

Date of Sampling: 10-30-2013
 Date of Receipt: 10-30-2013
 Date of Report: 10-31-2013

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21310001-1-TM26

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: 5 Result: 9.3143 Critical value: 11.0705 Inside Similar: Yes	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low
Species Detected		Spores/m3		
		<100	1K	10K
				>100K
None Detected				
		< 13		

Location: 21310001-1-TM27

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: 5 Result: 9.3143 Critical value: 11.0705 Inside Similar: Yes	Result: 0.1818	dF: 10 Result: 0.1364 Critical value: 0.5515 Outside Similar: No	Score: 105 Result: Low
Species Detected		Spores/m3		
		<100	1K	10K
				>100K
Other brown		13		
Total		13		

* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

** An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

*** The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau
Re: 21310001-1Date of Sampling: 10-30-2013
Date of Receipt: 10-30-2013
Date of Report: 10-31-2013**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**** MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&K reserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau
 Re: 21310001-1

Date of Sampling: 10-30-2013
 Date of Receipt: 10-30-2013
 Date of Report: 10-31-2013

MoldSCORE™: Spore Trap Report

Outdoor Sample: 21310001-1-TM21 OUT

Fungi Identified	Outdoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
Generally able to grow indoors*						
Alternaria					1	13
Bipolaris/Drechslera group					ND	< 13
Chaetomium					ND	< 13
Cladosporium					14	750
Curvularia					ND	< 13
Epicoccum					2	27
Nigrospora					2	27
Other brown					1	13
Penicillium/Aspergillus types†					3	160
Stachybotrys					ND	< 13
Torula					ND	< 13
Seldom found growing indoors**						
Ascospores					47	2,500
Basidiospores					329	18,000
Rusts					2	27
Smuts, Periconia, Myxomycetes					7	93
Total						21,160

Location: 21310001-1-TM22

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
Generally able to grow indoors*						
Alternaria					ND	< 13
Bipolaris/Drechslera group					1	13
Chaetomium					ND	< 13
Cladosporium					3	160
Curvularia					ND	< 13
Nigrospora					1	13
Penicillium/Aspergillus types†					ND	< 13
Stachybotrys					ND	< 13
Torula					ND	< 13
Seldom found growing indoors**						
Ascospores					1	53
Basidiospores					2	110
Rusts					1	13
Smuts, Periconia, Myxomycetes					3	40
Total						400

MoldSCORE‡			
100	200	300	Score
			100
			105
			100
			109
			100
			105
			100
			100
			100
			102
			100
			105
			108
Final MoldSCORE			117

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau
 Re: 21310001-1

Date of Sampling: 10-30-2013
 Date of Receipt: 10-30-2013
 Date of Report: 10-31-2013

MoldSCORE™: Spore Trap Report

Location: 21310001-1-TM23

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria					ND	< 13	█			100
Bipolaris/Drechslera group					ND	< 13	█			100
Chaetomium					ND	< 13	█			100
Cladosporium	█				1	53	█			103
Curvularia					ND	< 13	█			100
Nigrospora					ND	< 13	█			100
Other brown	█				1	13	█			105
Penicillium/Aspergillus types†					ND	< 13	█			100
Stachybotrys					ND	< 13	█			100
Torula					ND	< 13	█			100
Seldom found growing indoors**										
Ascospores					ND	< 13	█			100
Basidiospores	█				1	53	█			100
Rusts					ND	< 13	█			100
Smuts, Periconia, Myxomycetes	█				1	13	█			102
Total						133				Final MoldSCORE 108

Location: 21310001-1-TM24

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria					ND	< 13	█			100
Bipolaris/Drechslera group					ND	< 13	█			100
Chaetomium					ND	< 13	█			100
Cladosporium					ND	< 13	█			100
Curvularia					ND	< 13	█			100
Nigrospora					ND	< 13	█			100
Other brown	█				1	13	█			105
Penicillium/Aspergillus types†	█				2	110	█			117
Stachybotrys					ND	< 13	█			100
Torula					ND	< 13	█			100
Seldom found growing indoors**										
Ascospores					ND	< 13	█			100
Basidiospores					ND	< 13	█			100
Rusts					ND	< 13	█			100
Smuts, Periconia, Myxomycetes					ND	< 13	█			100
Total						120				Final MoldSCORE 117

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau
 Re: 21310001-1

Date of Sampling: 10-30-2013
 Date of Receipt: 10-30-2013
 Date of Report: 10-31-2013

MoldSCORE™: Spore Trap Report

Location: 21310001-1-TM25

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria					1	13				
Bipolaris/Drechslera group					ND	< 13				
Chaetomium					ND	< 13				
Cladosporium					ND	< 13				
Curvularia					ND	< 13				
Nigrospora					ND	< 13				
Penicillium/Aspergillus types†					ND	< 13				
Stachybotrys					ND	< 13				
Torula					ND	< 13				
Seldom found growing indoors**										
Ascospores					ND	< 13				
Basidiospores					ND	< 13				
Rusts					ND	< 13				
Smuts, Periconia, Myxomycetes					2	27				
Total						40	Final MoldSCORE 110			

Location: 21310001-1-TM26

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria					ND	< 13				
Bipolaris/Drechslera group					ND	< 13				
Chaetomium					ND	< 13				
Cladosporium					ND	< 13				
Curvularia					ND	< 13				
Nigrospora					ND	< 13				
Penicillium/Aspergillus types†					ND	< 13				
Stachybotrys					ND	< 13				
Torula					ND	< 13				
Seldom found growing indoors**										
Ascospores					ND	< 13				
Basidiospores					ND	< 13				
Rusts					ND	< 13				
Smuts, Periconia, Myxomycetes					ND	< 13				
Total						N/A	Final MoldSCORE 100			

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau
 Re: 21310001-1

Date of Sampling: 10-30-2013
 Date of Receipt: 10-30-2013
 Date of Report: 10-31-2013

MoldSCORE™: Spore Trap Report

Location: 21310001-1-TM27

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria					ND	< 13	█			100
Bipolaris/Drechslera group					ND	< 13	█			100
Chaetomium					ND	< 13	█			100
Cladosporium					ND	< 13	█			100
Curvularia					ND	< 13	█			100
Nigrospora					ND	< 13	█			100
Other brown	█				1	13	█			105
Penicillium/Aspergillus types†					ND	< 13	█			100
Stachybotrys					ND	< 13	█			100
Torula					ND	< 13	█			100
Seldom found growing indoors**										
Ascospores					ND	< 13	█			100
Basidiospores					ND	< 13	█			100
Rusts					ND	< 13	█			100
Smuts, Periconia, Myxomycetes					ND	< 13	█			100
Total						13	Final MoldSCORE 105			

* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

** These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.



Report for:

Mr. Chun Lau
Hygiene Technologies International, Inc.
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21310001-1
EML ID: 1133679

Approved by:

Technical Manager
Melissa Tracey

Dates of Analysis:
Spore trap analysis: 10-31-2013

Service SOPs: Spore trap analysis (1038)
AIHA-LAP, LLC accredited service, Lab ID #179768

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau
Re: 21310001-1

Date of Sampling: 10-29-2013
Date of Receipt: 10-30-2013
Date of Report: 10-31-2013

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21310001-1-TM15 OUT		21310001-1-TM16		21310001-1-TM17	
Comments (see below)	None		None		None	
Lab ID-Version‡:	5120751-1		5120752-1		5120753-1	
Analysis Date:	10/31/2013		10/31/2013		10/31/2013	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	3	40				
Ascospores	32	1,700				
Basidiospores	69	3,700	3	160		
Chaetomium						
Cladosporium	7	370	2	110		
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Oidium	1	13				
Other colorless						
Penicillium/Aspergillus types†	6	320				
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes	8	110	2	27		
Spegazzinia					1	13
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+		2+		2+	
Hyphal fragments/m3	80		< 13		13	
Pollen/m3	13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		6,200		290		13

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau
Re: 21310001-1

Date of Sampling: 10-29-2013
Date of Receipt: 10-30-2013
Date of Report: 10-31-2013

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21310001-1-TM18		21310001-1-TM19		21310001-1-TM20	
Comments (see below)	None		None		None	
Lab ID-Version‡:	5120754-1		5120755-1		5120756-1	
Analysis Date:	10/31/2013		10/31/2013		10/31/2013	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria						
Ascospores	1	53				
Basidiospores	1	53				
Chaetomium						
Cladosporium	3	160	3	160		
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Oidium						
Other colorless						
Penicillium/Aspergillus types†					3	160
Pithomyces	1	13				
Rusts						
Smuts, Periconia, Myxomycetes					1	13
Spegazzinia						
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	1+		2+		2+	
Hyphal fragments/m3	13		27		< 13	
Pollen/m3	< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		280		160		170

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
 † The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
 ††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
 ‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
 § Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau
Re: 21310001-1

Date of Sampling: 10-29-2013
Date of Receipt: 10-30-2013
Date of Report: 10-31-2013

MoldRANGE™: Extended Outdoor Comparison
Outdoor Location: 21310001-1-TM15 OUT

Fungi Identified	Outdoor data	Typical Outdoor Data for: October in California† (n‡=15720)						Typical Outdoor Data for: The entire year in California† (n‡=188141)					
		very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	40	13	13	27	80	120	60	13	13	27	67	110	54
Bipolaris/Drechslera group	-	7	13	13	27	53	17	7	13	13	27	40	12
Chaetomium	-	8	13	13	33	53	24	8	13	13	27	47	19
Cladosporium	370	160	350	1,100	3,100	5,700	98	110	210	630	1,700	2,800	97
Curvularia	-	8	13	13	40	73	13	7	13	13	27	53	6
Nigrospora	-	10	13	13	53	93	20	7	13	13	27	53	8
Penicillium/Aspergillus types	320	53	110	320	910	1,500	90	53	100	210	590	1,000	85
Pithomyces	-	7	13	13	27	53	6	7	13	13	27	53	4
Stachybotrys	-	7	13	13	38	67	5	7	13	13	33	67	4
Torula	-	8	13	13	40	67	12	8	13	13	40	67	12
Seldom found growing indoors**													
Ascospores	1,700	20	50	110	330	730	70	25	53	110	360	690	71
Basidiospores	3,700	53	100	270	1,100	2,700	94	53	80	270	1,000	2,400	93
Oidium	13	8	13	13	40	53	12	13	13	13	40	75	19
Rusts	-	11	13	13	50	80	26	13	13	13	53	80	27
Smuts, Periconia, Myxomycetes	110	13	17	53	130	240	75	13	13	40	110	200	68
Spegazzinia	-	7	13	13	13	13	< 1	7	11	13	13	27	< 1
§ TOTAL SPORES/m3	6,200												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 20% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

** These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

‡n = number of samples used to calculate data.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau
 Re: 21310001-1

Date of Sampling: 10-29-2013
 Date of Receipt: 10-30-2013
 Date of Report: 10-31-2013

MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 21310001-1-TM15 OUT:

Species detected	Outdoor sample spores/m3				Typical outdoor ranges (North America)	Freq. %
	<100	1K	10K	>100K		
Alternaria				40	7 - 33 - 590	45
Ascospores				1,700	13 - 210 - 5,700	76
Basidiospores				3,700	13 - 450 - 24,000	92
Cladosporium				370	27 - 480 - 11,000	90
Oidium				13	7 - 13 - 230	12
Penicillium/Aspergillus types				320	13 - 170 - 2,700	68
Smuts, Periconia, Myxomycetes				110	7 - 53 - 930	64
Total				6,200		

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurrence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

Indoor Samples

Location: 21310001-1-TM16

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 4%	dF: 4 Result: 2.3143 Critical value: 9.4877 Inside Similar: Yes	Result: 0.6000	dF: 7 Result: 0.6071 Critical value: 0.6786 Outside Similar: No	Score: 106 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
	Basidiospores				160
	Cladosporium				110
	Smuts, Periconia, Myxomycetes				27
	Total				290

Location: 21310001-1-TM17

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 4 Result: 2.3143 Critical value: 9.4877 Inside Similar: Yes	Result: 0.0000	dF: 8 Result: 0.0000 Critical value: 0.6190 Outside Similar: No	Score: 100 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
	Spegazzinia				13
	Total				13

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau
 Re: 21310001-1

Date of Sampling: 10-29-2013
 Date of Receipt: 10-30-2013
 Date of Report: 10-31-2013

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21310001-1-TM18

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 4%	dF: 4 Result: 2.3143 Critical value: 9.4877 Inside Similar: Yes	Result: 0.5455	dF: 8 Result: 0.6250 Critical value: 0.6190 Outside Similar: Yes	Score: 109 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Ascospores					53
Basidiospores					53
Cladosporium					160
Pithomyces					13
Total					280

Location: 21310001-1-TM19

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 2%	dF: 4 Result: 2.3143 Critical value: 9.4877 Inside Similar: Yes	Result: 0.2500	dF: 7 Result: 0.4375 Critical value: 0.6786 Outside Similar: No	Score: 110 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Cladosporium					160
Total					160

Location: 21310001-1-TM20

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: 2%	dF: 4 Result: 2.3143 Critical value: 9.4877 Inside Similar: Yes	Result: 0.4444	dF: 7 Result: 0.0714 Critical value: 0.6786 Outside Similar: No	Score: 124 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Penicillium/Aspergillus types					160
Smuts, Periconia, Myxomycetes					13
Total					170

Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau
Re: 21310001-1

Date of Sampling: 10-29-2013
Date of Receipt: 10-30-2013
Date of Report: 10-31-2013

MoldSTAT™: Supplementary Statistical Spore Trap Report

* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

** An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

*** The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

**** MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&K reserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau
 Re: 21310001-1

Date of Sampling: 10-29-2013
 Date of Receipt: 10-30-2013
 Date of Report: 10-31-2013

MoldSCORE™: Spore Trap Report

Outdoor Sample: 21310001-1-TM15 OUT

Fungi Identified	Outdoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
Generally able to grow indoors*						
Alternaria					3	40
Bipolaris/Drechslera group					ND	< 13
Chaetomium					ND	< 13
Cladosporium					7	370
Curvularia					ND	< 13
Nigrospora					ND	< 13
Penicillium/Aspergillus types†					6	320
Stachybotrys					ND	< 13
Torula					ND	< 13
Seldom found growing indoors**						
Ascospores					32	1,700
Basidiospores					69	3,700
Oidium					1	13
Rusts					ND	< 13
Smuts, Periconia, Myxomycetes					8	110
Total						6,240

Location: 21310001-1-TM16

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
Generally able to grow indoors*						
Alternaria					ND	< 13
Bipolaris/Drechslera group					ND	< 13
Chaetomium					ND	< 13
Cladosporium					2	110
Curvularia					ND	< 13
Nigrospora					ND	< 13
Penicillium/Aspergillus types†					ND	< 13
Stachybotrys					ND	< 13
Torula					ND	< 13
Seldom found growing indoors**						
Ascospores					ND	< 13
Basidiospores					3	160
Rusts					ND	< 13
Smuts, Periconia, Myxomycetes					2	27
Total						293

MoldSCORE‡			
100	200	300	Score
			100
			100
			100
			106
			100
			100
			100
			100
			100
			100
			100
			100
			104
Final MoldSCORE			106

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau
 Re: 21310001-1

Date of Sampling: 10-29-2013
 Date of Receipt: 10-30-2013
 Date of Report: 10-31-2013

MoldSCORE™: Spore Trap Report

Location: 21310001-1-TM17

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria					ND	< 13				100
Bipolaris/Drechslera group					ND	< 13				100
Chaetomium					ND	< 13				100
Cladosporium					ND	< 13				100
Curvularia					ND	< 13				100
Nigrospora					ND	< 13				100
Penicillium/Aspergillus types†					ND	< 13				100
Stachybotrys					ND	< 13				100
Torula					ND	< 13				100
Seldom found growing indoors**										
Ascospores					ND	< 13				100
Basidiospores					ND	< 13				100
Rusts					ND	< 13				100
Smuts, Periconia, Myxomycetes					ND	< 13				100
Spegazzinia					1	13				105
Total						13				Final MoldSCORE 100

Location: 21310001-1-TM18

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria					ND	< 13				100
Bipolaris/Drechslera group					ND	< 13				100
Chaetomium					ND	< 13				100
Cladosporium					3	160				109
Curvularia					ND	< 13				100
Nigrospora					ND	< 13				100
Penicillium/Aspergillus types†					ND	< 13				100
Pithomyces					1	13				105
Stachybotrys					ND	< 13				100
Torula					ND	< 13				100
Seldom found growing indoors**										
Ascospores					1	53				100
Basidiospores					1	53				100
Rusts					ND	< 13				100
Smuts, Periconia, Myxomycetes					ND	< 13				100
Total						280				Final MoldSCORE 109

Client: Hygiene Technologies International, Inc.
 C/O: Mr. Chun Lau
 Re: 21310001-1

Date of Sampling: 10-29-2013
 Date of Receipt: 10-30-2013
 Date of Report: 10-31-2013

MoldSCORE™: Spore Trap Report

Location: 21310001-1-TM19

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria					ND	< 13	100			
Bipolaris/Drechslera group					ND	< 13	100			
Chaetomium					ND	< 13	100			
Cladosporium	█				3	160	110			
Curvularia					ND	< 13	100			
Nigrospora					ND	< 13	100			
Penicillium/Aspergillus types†					ND	< 13	100			
Stachybotrys					ND	< 13	100			
Torula					ND	< 13	100			
Seldom found growing indoors**										
Ascospores					ND	< 13	100			
Basidiospores					ND	< 13	100			
Rusts					ND	< 13	100			
Smuts, Periconia, Myxomycetes					ND	< 13	100			
Total						160	Final MoldSCORE 110			

Location: 21310001-1-TM20

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria					ND	< 13	100			
Bipolaris/Drechslera group					ND	< 13	100			
Chaetomium					ND	< 13	100			
Cladosporium					ND	< 13	100			
Curvularia					ND	< 13	100			
Nigrospora					ND	< 13	100			
Penicillium/Aspergillus types†	█				3	160	124			
Stachybotrys					ND	< 13	100			
Torula					ND	< 13	100			
Seldom found growing indoors**										
Ascospores					ND	< 13	100			
Basidiospores					ND	< 13	100			
Rusts					ND	< 13	100			
Smuts, Periconia, Myxomycetes	█				1	13	102			
Total						173	Final MoldSCORE 124			

Client: Hygiene Technologies International, Inc.
C/O: Mr. Chun Lau
Re: 21310001-1

Date of Sampling: 10-29-2013
Date of Receipt: 10-30-2013
Date of Report: 10-31-2013

MoldSCORE™: Spore Trap Report

* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

** These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.



HYGIENE TECH

Hygiene Technologies International, Inc.



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3-1643

(310) 370-8370

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www.hygienetech.com

Request For Analysis

Project Number/~~Purchase Order~~: 21310001-1 Date Submitted: 10/7/13
 Project Contact: L. Sandhu (K. Hsi) Turnaround Required: Normal
 Lab Destination: EMLAB P&IC Lab Contact: SAMPLE RECEIVING

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21310001-TM01	75L	Air-o-cell	Spore Trap Analysis
21310001-TM02	75L	Air-o-cell	
21310001-TM03	75L	Air-o-cell	
21310001-TM04	75L	Air-o-cell	
21310001-TM05	75L	Air-o-cell	
21310001-TM06	75L	Air-o-cell	
21310001-TM07	75L	Air-o-cell	

Special Instructions: Random sampling (round -1)

1. Sampled by: L. Sandhu on 10/7/13 @ 14:15 Received by: [Signature] 10/8/13 @ 12:54
 2. Relinquished by: L. Sandhu on 10/7/13 @ 17:00 Received by: _____
 3. Relinquished by: _____ Received by: _____
 Please include signature, date, and time

Lab Use Only:



HYGIENE TECH

EMC: 1127277

Hygiene Technologies International, Inc.

3525 Del Amo Boulevard, Suite 100
Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

Request For Analysis

Project Number/Purchase Order: 21310001-1 Date Submitted: 10/14/13

Project Contact: L Sanchez / R. Hsi Turnaround Required: Normal

Lab Destination: EMLAB PSL Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21310001-1 TM08	75L	Airco-Cell	SPOROTRAP Analysis
21310001-1 TM09	75L	↓	
21310001-1 TM10	75L	↓	
21310001-1 TM11	75L	↓	
21310001-1 TM12	75L	↓	
21310001-1 TM13	75L	↓	
21310001-1 TM14	75L	↓	

Special Instructions: Random Sampling (R=2)

1. Sampled by: [Signature] 10/14/13 15:14 Received by: [Signature] 10/15/13 1:30pm
 2. Relinquished by: [Signature] 10/14/13 01:30 Received by: _____
 3. Relinquished by: _____ Received by: _____
 Please include signature, date, and time

Lab Use Only: