



HYGIENETECH

Hygiene Technologies International, Inc.

46 Peninsula Center Drive, Suite E 349
Rolling Hills Estates, California 90274-3562
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

March 28, 2024

California Department of Tax and Fee Administration
450 N Street
Sacramento, California 94279

Document No. 22312001.1

Attention: Thomas Arnold

Regarding: Limited Fungal Growth Exposure Assessment Surveys
December 2023 And January 2024 Random Sampling

Dear Mr. Arnold:

On December 14, 20, 29, 2023 and January 22, 31, 2024, an industrial hygienist with Hygiene Technologies International, Inc. (HygieneTech) conducted limited fungal growth exposure assessment surveys involving 22 randomly selected areas located within the California Department of Tax and Fee Administration (CDTFA) 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. The airborne fungi assessment analytical data with supporting and background information appear in the enclosed table.

As presented in Table 22312001-1, the airborne spore count data recorded showed fungal spore types outdoors such as *Alternaria*, ascospores, basidiospores, *Botrytis*, *Bipolaris/Drechslera* group, *Chaetomium*, *Cladosporium*, colorless spores typical of *Penicillium/Aspergillus* species, *Nigrospora*, rusts, smuts, *Stachybotrys*, and/or *Ulocladium*. In the indoor areas tested, the data showed that airborne fungal spores were detected at low airborne concentrations. The fungal spore types found indoors were *Alternaria*, ascospores, basidiospores, *Botrytis*, *Bipolaris/Drechslera* group, *Cladosporium*, colorless spores typical of *Penicillium/Aspergillus* species, *Nigrospora*, other brown, rusts, and smuts. Overall 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.

A handwritten signature in black ink, appearing to read 'Kenny Hsi', is written over a solid horizontal line.

Kenny K. Hsi, CIH
Technical Director

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A



CLIENT: California Department of Tax and
Fee Administration
450 N Street
Sacramento, California 94279

TABLE 22312001-1
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
DECEMBER 14, 20, 29, 2023 AND
JANUARY 22, 31, 2024

Page 1

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

SAMPLE NUMBER	22312001-1 TM01OUT	22312001-1 TM02	22312001-1 TM03	22312001-1 TM04
SAMPLING LOCATION/ACTIVITIES	Outdoors, about 20 feet northeast of main entrance of the building; approximately five feet above ground/Normal outdoor activities	14 th Floor; Mail/Storage Room 14B; approximately five feet above floor/Sampling activities only	16 th Floor; Break Room 1603; about center; approximately five feet above floor/Sampling activities only	18 th Floor: Conference Room 1808; about center; approximately five feet above floor/Sampling activities only
DATE	12/14/23	12/14/23	12/14/23	12/14/23
START/STOP	15:15:00/15:20:00	15:32:00/15:37:00	15:45:00/15:50:00	15:52:00/15:67:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	27			13
Ascospores	160			
Basidiospores	5,700	210	110	110
Bipolaris/Drechslera group				
Chaetomium	120			
Cladosporium	2,500	210	110	53
Curvularia				
Epicoccum				
Fusarium				
Nigrospora				
Oidium				
Other brown				
Penicillium/Aspergillus types	970	210	53	53
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)	40	27	67	
Stachybotrys	110			
Stemphylium				
Torula				
Ulocladium				
Zygomycetes				
Hyphal fragments	53	13	13	<13
Background debris*	2+	2+	1+	1+
TOTAL**	9,600	670	330	230

*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.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A



CLIENT: California Department of Tax and
Fee Administration
450 N Street
Sacramento, California 94279

TABLE 22312001-1
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
DECEMBER 14, 20, 29, 2023 AND
JANUARY 22, 31, 2024

Page 2

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

SAMPLE NUMBER	22312001-1 TM05	22312001-1 TM06OUT	22312001-1 TM07	22312001-1 TM08
SAMPLING LOCATION/ACTIVITIES	20 th Floor; Mail/Storage Room 20B; about center; approximately five feet above floor/ Sampling activities only	Outdoors, about 25 feet northeast of main entrance of the building; approximately five feet above ground/Normal outdoor activities	2 nd Floor; Room 210; eastern portion; approximately five feet above floor/Sampling activities only	4 th Floor; Column K17 area; Cubicle 76; about center; approximately five feet above floor/Normal office activities
DATE	12/14/23	12/20/23	12/20/23	12/20/23
START/STOP	16:00:00/16:05:00	15:04:00/15:09:00	15:16:00/15:21:00	15:24:00/15:29:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Ascospores		750		
Basidiospores	53	1,200	53	320
Botrytis		13		
Bipolaris/Drechslera group				
Chaetomium				
Cladosporium	53	3,600	110	
Curvularia				
Epicoccum				
Nigrospora		27		
Oidium				
Other brown				
Other colorless				
Penicillium/Aspergillus types		850	53	
Rusts			13	
Smuts (Periconia, Myxomycetes)				27
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	<13	13	<13	<13
Background debris*	1+	2+	1+	1+
TOTAL**	110	6,400	230	350

*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.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A



CLIENT: California Department of Tax and
Fee Administration
450 N Street
Sacramento, California 94279

TABLE 22312001-1
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
DECEMBER 14, 20, 29, 2023 AND
JANUARY 22, 31, 2024

Page 3

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

SAMPLE NUMBER	22312001-1 TM09	22312001-1 TM10OUT	22312001-1 TM11	22312001-1 TM12
SAMPLING LOCATION/ACTIVITIES	6 th Floor; northern corridor adjacent to northwestern drinking fountain; approximately five feet above floor/Normal office activities	Outdoors, about 25 feet northeast of main entrance of the building; approximately five feet above ground/Normal outdoor activities	8 th Floor; Column K22 area; Cubicle 51; approximately five feet above floor/Normal office activities	10 th Floor; Column J18 area; Cubicle 6;; approximately five feet above floor/Sampling activities only
DATE	12/20/23	12/29/23	12/29/23	12/29/23
START/STOP	15:32:00/15:37:00	16:20:00/16:25:00	16:28:00/16:33:00	16:37:00/16:42:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	13	80	13	
Ascospores		430		
Basidiospores		2,500	210	
Bipolaris/Drechslera group			13	
Chaetomium		40		
Cladosporium	270	11,000	530	110
Curvularia				
Epicoccum				
Nigrospora				
Oidium				
Other brown				
Other colorless				
Penicillium/Aspergillus types	53	2,300	210	110
Pithomyces				
Rusts		13		
Smuts (Periconia, Myxomycetes)	13	53	93	40
Stachybotrys				
Stemphylium				
Torula				
Trichocladium				
Ulocladium		13		
Hyphal fragments	27	80	27	13
Background debris*	2+	2+	2+	1+
TOTAL **	350	16,000	1,100	250

*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.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A



CLIENT: California Department of Tax and
Fee Administration
450 N Street
Sacramento, California 94279

TABLE 22312001-1
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
DECEMBER 14, 20, 29, 2023 AND
JANUARY 22, 31, 2024

Page 4

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

SAMPLE NUMBER	22312001-1 TM13	22312001-1 TM14	22401001-1 TM01OUT	22401001-1 TM02
SAMPLING LOCATION/ACTIVITIES	22 nd Floor; Room 2206; about center; approximately five feet above floor/Sampling activities only	24 th Floor; about five feet south of Room 2442 entry door; approximately five feet above floor/Sampling activities only	Outdoors, about 25 feet northeast of main entrance of the building; approximately five feet above ground/Normal outdoor activities	1 st Floor; eastern exit door area adjacent to Room 135; approximately five feet above floor/Normal work activities
DATE	12/29/23	12/29/23	01/22/24	01/22/24
START/STOP	16:46:00/16:51:00	16:55:00/17:00:00	12:48:00/12:53:00	12:58:00/13:03:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Ascospores	53		1,200	110
Basidiospores	53		3,700	210
Bipolaris/Drechslera group				
Chaetomium				
Cladosporium		160	480	210
Curvularia				
Epicoccum				
Nigrospora				
Oidium				
Other brown				13
Other colorless				
Penicillium/Aspergillus types		210	160	53
Pithomyces				
Rusts		13		
Smuts (Periconia, Myxomycetes)		40	27	
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	<13	<13	27	13
Background debris*	1+	1+	2+	2+
TOTAL**	110	430	5,600	600

*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.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A



CLIENT: California Department of Tax and
Fee Administration
450 N Street
Sacramento, California 94279

TABLE 22312001-1
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
DECEMBER 14, 20, 29, 2023 AND
JANUARY 22, 31, 2024

Page 5

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

SAMPLE NUMBER	22401001-1 TM03	22401001-1 TM04	22401001-1 TM05	22401001-1 TM06OUT
SAMPLING LOCATION/ACTIVITIES	9 th Floor; Column K18 adjacent to southern perimeter wall; approximately five feet above floor/Normal office activities	11 th Floor; adjacent to Column J18; approximately five feet above floor/Normal office activities	15 th Floor; Column K18 area; Cubicle 105 entry area; approximately five feet above ground/Sampling activities only	Outdoors, about 25 feet northeast of main entrance of the building; approximately five feet above ground/Normal outdoor activities
DATE	01/22/24	01/22/24	01/22/24	01/31/24
START/STOP	13:11:00/13:16:00	13:28:00/13:33:00	13:40:00/13:45:00	13:42:00/13:47:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				120
Ascospores				800
Basidiospores	110		110	3,100
Bipolaris/Drechslera group				
Chaetomium				
Cladosporium	110	53	110	7,500
Curvularia				
Epicoccum				
Nigrospora	13			
Oidium				
Other brown				
Other colorless				
Penicillium/Aspergillus types	110	53		2,300
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)				110
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	<13	<13	<13	160
Background debris*	2+	2+	1+	2+
TOTAL**	330	110	210	14,000

*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.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A



CLIENT: California Department of Tax and
Fee Administration
450 N Street
Sacramento, California 94279

TABLE 22312001-1
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
DECEMBER 14, 20, 29, 2023 AND
JANUARY 22, 31, 2024

Page 6

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

SAMPLE NUMBER	22401001-1 TM07	22401001-1 TM08	22401001-1 TM09	22401001-1 TM10
SAMPLING LOCATION/ACTIVITIES	23 rd Floor; Break Room 2302; approximately five feet above floor/Normal office activities	21 st Floor; Mail/Storage Room 21B; about center; approximately five feet above floor/Sampling activities only	19 th Floor; Mail/Storage Room 19B; about center; approximately five feet above floor/Sampling activities only	17 th Floor; southeastern stairwell #2 adjacent to Fire Sprinkler Riser; approximately five feet above floor/Sampling activities only
DATE	01/31/24	01/31/24	01/31/24	01/31/24
START/STOP	14:05:00/14:10:00	14:12:00/14:17:00	14:19:00/14:24:00	14:27:00/14:32:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				40
Ascospores			53	370
Basidiospores	160	53		800
Bipolaris/Drechslera group	13			
Botrytis				13
Chaetomium				
Cladosporium	53	160	160	2,600
Curvularia				
Nigrospora				
Oidium				
Other brown				
Other colorless				
Penicillium/Aspergillus types	160	53		2,100
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)		13		40
Stachybotrys				
Stemphylium				
Trichocladium				
Ulocladium				
Hyphal fragments	<13	13	<13	53
Background debris*	1+	1+	1+	1+
TOTAL**	390	280	210	6,000

*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.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A



CLIENT: California Department of Tax and
Fee Administration
450 N Street
Sacramento, California 94279

TABLE 22312001-1
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
DECEMBER 14, 20, 29, 2023 AND
JANUARY 22, 31, 2024

Page 7

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

SAMPLE NUMBER	22401001-1 TM11	22401001-1 TM12	22401001-1 TM13	
SAMPLING LOCATION/ACTIVITIES	7 th Floor; Copy Room 708; about center; approximately five feet above floor/Normal office activities	5 th Floor; Break Room 507; about center; approximately five feet above floor/Normal office activities	3 rd Floor; Break Room 304; about center; approximately five feet above floor/Normal office activities	This column intentionally left blank
DATE	01/31/24	01/31/24	01/31/24	
START/STOP	14:36:00/14:41:00	14:48:00/14:53:00	14:55:00/15:00:00	
SAMPLE TIME	5 minutes	5 minutes	5 minutes	
Alternaria				
Ascospores				
Basidiospores		53	53	
Botrytis				
Chaetomium				
Cladosporium	270	53	53	
Curvularia				
Epicoccum				
Nigrospora				
Myrothecium				
Odium				
Other brown				
Other colorless				
Penicillium/Aspergillus types		110	53	
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)				
Stachybotrys				
Torula				
Ulocladium				
Hyphal fragments	<13	<13	<13	
Background debris*	1+	1+	1+	
TOTAL**	270	210	160	

*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.

Report for:

Kenny Hsi, Lakhpreet Sandhu
Hygiene Technologies International, Inc.: California
46 Peninsula Center Drive
Suite E 349
Rolling Hills Estates, CA 90274-3562

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: 22312001-1
EML ID: 3496702

Approved by:



Technical Manager
Ngoc Ta

Dates of Analysis:

Spore trap analysis: 01-03-2024 and 01-04-2024

Service SOPs: Spore trap analysis (EB-MY-S-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 samples as received and tested. Information supplied by the client which can affect the validity of results: sample air volume.

Eurofins EPK Built Environment Testing, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, 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.

Eurofins EPK Built Environment Testing, LLC's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Eurofins EPK Built Environment Testing, LLC

180 Blue Ravine Rd, Folsom, CA 95630

(800) 651-4802 www.eurofinsus.com/Built

Client: Hygiene Technologies International, Inc.:
 California
 C/O: Kenny Hsi, Lakhpreet Sandhu
 Re: 22312001-1

Date of Sampling: 01-02-2024
 Date of Receipt: 01-03-2024
 Date of Report: 01-04-2024

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	22312001-1-TM01OUT			22312001-1-TM02		
Comments (see below)	A			None		
Lab ID-Version‡:	17058922-1			17058923-1		
Analysis Date:	01/04/2024			01/03/2024		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria	2	100	27			
Ascospores	3	25	160			
Basidiospores	106	25	5,700	4	25	210
Bipolaris/Drechslera group						
Botrytis						
Chaetomium	9	100	120			
Cladosporium	47	25	2,500	4	25	210
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†	10/33	25/100	970	4	25	210
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes	3	100	40	2	100	27
Stachybotrys	8	100	110			
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+			2+		
Hyphal fragments/m3	53			13		
Pollen/m3	< 13			< 13		
Skin cells (1-4+)	< 1+			1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			9,600			670

Comments: A) 33 of the raw count *Penicillium/Aspergillus* type spores were present as a single clump.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† 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, expressed in spores/m³, per spore and per sample.

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.

Eurofins EPK Built Environment Testing, LLC

180 Blue Ravine Rd, Folsom, CA 95630

(800) 651-4802 www.eurofinsus.com/Built

Client: Hygiene Technologies International, Inc.:
 California
 C/O: Kenny Hsi, Lakhpreet Sandhu
 Re: 22312001-1

Date of Sampling: 01-02-2024
 Date of Receipt: 01-03-2024
 Date of Report: 01-04-2024

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	22312001-1-TM03			22312001-1-TM04		
Comments (see below)	None			None		
Lab ID-Version‡:	17058924-1			17058925-1		
Analysis Date:	01/03/2024			01/03/2024		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria				1	100	13
Ascospores						
Basidiospores	2	25	110	2	25	110
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium	2	25	110	1	25	53
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†	1	25	53	1	25	53
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes	5	100	67			
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	1+			1+		
Hyphal fragments/m3	13			< 13		
Pollen/m3	< 13			< 13		
Skin cells (1-4+)	< 1+			< 1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			330			230

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† 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, expressed in spores/m³, per spore and per sample.

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.

Eurofins EPK Built Environment Testing, LLC

180 Blue Ravine Rd, Folsom, CA 95630

(800) 651-4802 www.eurofinsus.com/Built

Client: Hygiene Technologies International, Inc.:
 California
 C/O: Kenny Hsi, Lakhpreet Sandhu
 Re: 22312001-1

Date of Sampling: 01-02-2024
 Date of Receipt: 01-03-2024
 Date of Report: 01-04-2024

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	22312001-1-TM05			22312001-1-TM06OUT		
Comments (see below)	None			B		
Lab ID-Version‡:	17058926-1			17058927-1		
Analysis Date:	01/03/2024			01/03/2024		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria						
Ascospores				14	25	750
Basidiospores	1	25	53	22	25	1,200
Bipolaris/Drechslera group						
Botrytis				1	100	13
Chaetomium						
Cladosporium	1	25	53	56/44	25/100	3,600
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora				2	100	27
Other colorless						
Penicillium/Aspergillus types†				16	25	850
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes						
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	1+			2+		
Hyphal fragments/m3	< 13			13		
Pollen/m3	< 13			< 13		
Skin cells (1-4+)	< 1+			< 1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			110			6,400

Comments: B) 44 of the raw count *Cladosporium* spores were present as a single clump.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† 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, expressed in spores/m³, per spore and per sample.

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.

Eurofins EPK Built Environment Testing, LLC

180 Blue Ravine Rd, Folsom, CA 95630

(800) 651-4802 www.eurofinsus.com/Built

Client: Hygiene Technologies International, Inc.:
 California
 C/O: Kenny Hsi, Lakhpreet Sandhu
 Re: 22312001-1

Date of Sampling: 01-02-2024
 Date of Receipt: 01-03-2024
 Date of Report: 01-04-2024

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	22312001-1-TM07			22312001-1-TM08		
Comments (see below)	None			None		
Lab ID-Version‡:	17058928-1			17058929-1		
Analysis Date:	01/03/2024			01/03/2024		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria						
Ascospores						
Basidiospores	1	25	53	6	25	320
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium	2	25	110			
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†	1	25	53			
Pithomyces						
Rusts	1	100	13			
Smuts, Periconia, Myxomycetes				2	100	27
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	1+			1+		
Hyphal fragments/m3	< 13			< 13		
Pollen/m3	< 13			< 13		
Skin cells (1-4+)	< 1+			< 1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			230			350

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† 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, expressed in spores/m³, per spore and per sample.

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.

Eurofins EPK Built Environment Testing, LLC

180 Blue Ravine Rd, Folsom, CA 95630

(800) 651-4802 www.eurofinsus.com/Built

Client: Hygiene Technologies International, Inc.:
 California
 C/O: Kenny Hsi, Lakhpreet Sandhu
 Re: 22312001-1

Date of Sampling: 01-02-2024
 Date of Receipt: 01-03-2024
 Date of Report: 01-04-2024

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	22312001-1-TM09			22312001-1-TM10OUT		
Comments (see below)	None			None		
Lab ID-Version‡:	17058930-1			17058931-1		
Analysis Date:	01/03/2024			01/03/2024		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria	1	100	13	6	100	80
Ascospores				8	25	430
Basidiospores				47	25	2,500
Bipolaris/Drechslera group						
Botrytis						
Chaetomium				3	100	40
Cladosporium	5	25	270	200	25	11,000
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†	1	25	53	44	25	2,300
Pithomyces						
Rusts				1	100	13
Smuts, Periconia, Myxomycetes	1	100	13	4	100	53
Stachybotrys						
Stemphylium						
Torula						
Ulocladium				1	100	13
Zygomycetes						
Background debris (1-4+)††	2+			2+		
Hyphal fragments/m3	27			80		
Pollen/m3	< 13			210		
Skin cells (1-4+)	1+			< 1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			350			16,000

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† 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, expressed in spores/m³, per spore and per sample.

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.

Eurofins EPK Built Environment Testing, LLC

180 Blue Ravine Rd, Folsom, CA 95630

(800) 651-4802 www.eurofinsus.com/Built

Client: Hygiene Technologies International, Inc.:
 California
 C/O: Kenny Hsi, Lakhpreet Sandhu
 Re: 22312001-1

Date of Sampling: 01-02-2024
 Date of Receipt: 01-03-2024
 Date of Report: 01-04-2024

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	22312001-1-TM11			22312001-1-TM12		
Comments (see below)	None			None		
Lab ID-Version‡:	17058932-1			17058933-1		
Analysis Date:	01/03/2024			01/03/2024		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria	1	100	13			
Ascospores						
Basidiospores	4	25	210			
Bipolaris/Drechslera group	1	100	13			
Botrytis						
Chaetomium						
Cladosporium	10	25	530	2	25	110
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†	4	25	210	2	25	110
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes	7	100	93	3	100	40
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+			1+		
Hyphal fragments/m3	27			13		
Pollen/m3	27			< 13		
Skin cells (1-4+)	1+			< 1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			1,100			250

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† 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, expressed in spores/m³, per spore and per sample.

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.

Eurofins EPK Built Environment Testing, LLC

180 Blue Ravine Rd, Folsom, CA 95630

(800) 651-4802 www.eurofinsus.com/Built

Client: Hygiene Technologies International, Inc.:
 California
 C/O: Kenny Hsi, Lakhpreet Sandhu
 Re: 22312001-1

Date of Sampling: 01-02-2024
 Date of Receipt: 01-03-2024
 Date of Report: 01-04-2024

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	22312001-1-TM13			22312001-1-TM14		
Comments (see below)	None			None		
Lab ID-Version‡:	17058934-1			17058935-1		
Analysis Date:	01/03/2024			01/03/2024		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria						
Ascospores	1	25	53			
Basidiospores	1	25	53			
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium				3	25	160
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†				4	25	210
Pithomyces						
Rusts				1	100	13
Smuts, Periconia, Myxomycetes				3	100	40
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	1+			1+		
Hyphal fragments/m3	< 13			< 13		
Pollen/m3	< 13			< 13		
Skin cells (1-4+)	< 1+			< 1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			110			430

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† 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, expressed in spores/m³, per spore and per sample.

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.

Report for:

Kenny Hsi, Lakhpreet Sandhu
Hygiene Technologies International, Inc.: California
46 Peninsula Center Drive
Suite E 349
Rolling Hills Estates, CA 90274-3562

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: 22401001-1
EML ID: 3517662

Approved by:

Dates of Analysis:
Spore trap analysis: 01-25-2024



Technical Manager
Ngoc Ta

Service SOPs: Spore trap analysis (EB-MY-S-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 samples as received and tested. Information supplied by the client which can affect the validity of results: sample air volume.

Eurofins EPK Built Environment Testing, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, 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.

Eurofins EPK Built Environment Testing, LLC's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Eurofins EPK Built Environment Testing, LLC

180 Blue Ravine Rd, Folsom, CA 95630

(800) 651-4802 www.eurofinsus.com/Built

Client: Hygiene Technologies International, Inc.:
 California
 C/O: Kenny Hsi, Lakhpreet Sandhu
 Re: 22401001-1

Date of Sampling: 01-22-2024
 Date of Receipt: 01-25-2024
 Date of Report: 01-26-2024

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	22401001-1-TM01OUT			22401001-1-TM02		
Comments (see below)	None			None		
Lab ID-Version‡:	17177593-1			17177594-1		
Analysis Date:	01/25/2024			01/25/2024		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Ascospores	22	25	1,200	2	25	110
Basidiospores	70	25	3,700	4	25	210
Botrytis						
Chaetomium						
Cladosporium	9	25	480	4	25	210
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other brown				1	100	13
Other colorless						
Penicillium/Aspergillus types†	3	25	160	1	25	53
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes	2	100	27			
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)	2+			2+		
Hyphal fragments/m3	27			13		
Pollen/m3	< 13			< 13		
Skin cells (1-4+)	< 1+			1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			5,600			600

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† 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, expressed in spores/m³, per spore and per sample.

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.

Eurofins EPK Built Environment Testing, LLC

180 Blue Ravine Rd, Folsom, CA 95630

(800) 651-4802 www.eurofinsus.com/Built

Client: Hygiene Technologies International, Inc.:
 California
 C/O: Kenny Hsi, Lakhpreet Sandhu
 Re: 22401001-1

Date of Sampling: 01-22-2024
 Date of Receipt: 01-25-2024
 Date of Report: 01-26-2024

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	22401001-1-TM03			22401001-1-TM04		
Comments (see below)	None			None		
Lab ID-Version‡:	17177595-1			17177596-1		
Analysis Date:	01/25/2024			01/25/2024		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Ascospores						
Basidiospores	2	25	110			
Botrytis						
Chaetomium						
Cladosporium	2	25	110	1	25	53
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora	1	100	13			
Other brown						
Other colorless						
Penicillium/Aspergillus types†	2	25	110	1	25	53
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes						
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)	2+			2+		
Hyphal fragments/m3	< 13			< 13		
Pollen/m3	< 13			< 13		
Skin cells (1-4+)	1+			1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			330			110

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† 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, expressed in spores/m³, per spore and per sample.

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.

Eurofins EPK Built Environment Testing, LLC

180 Blue Ravine Rd, Folsom, CA 95630

(800) 651-4802 www.eurofinsus.com/Built

Client: Hygiene Technologies International, Inc.:
 California
 C/O: Kenny Hsi, Lakhpreet Sandhu
 Re: 22401001-1

Date of Sampling: 01-22-2024
 Date of Receipt: 01-25-2024
 Date of Report: 01-26-2024

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	22401001-1-TM05		
Comments (see below)	None		
Lab ID-Version‡:	17177597-1		
Analysis Date:	01/25/2024		
	raw ct.	% read	spores/m3
Ascospores			
Basidiospores	2	25	110
Botrytis			
Chaetomium			
Cladosporium	2	25	110
Curvularia			
Epicoccum			
Fusarium			
Myrothecium			
Nigrospora			
Other brown			
Other colorless			
Penicillium/Aspergillus types†			
Pithomyces			
Rusts			
Smuts, Periconia, Myxomycetes			
Stachybotrys			
Stemphylium			
Torula			
Ulocladium			
Zygomycetes			
Background debris (1-4+)	1+		
Hyphal fragments/m3	< 13		
Pollen/m3	< 13		
Skin cells (1-4+)	< 1+		
Sample volume (liters)	75		
§ TOTAL SPORES/m3			210

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† 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, expressed in spores/m³, per spore and per sample.

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.

Report for:

Kenny Hsi, Lakhpreet Sandhu
Hygiene Technologies International, Inc.: California
46 Peninsula Center Drive
Suite E 349
Rolling Hills Estates, CA 90274-3562

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: 22401001-1; Random Sampling (Round 2)
EML ID: 3530365

Approved by:

Dates of Analysis:
Spore trap analysis: 02-06-2024



Technical Manager
Ngoc Ta

Service SOPs: Spore trap analysis (EB-MY-S-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 samples as received and tested. Information supplied by the client which can affect the validity of results: sample air volume.

Eurofins EPK Built Environment Testing, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, 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.

Eurofins EPK Built Environment Testing, LLC's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Eurofins EPK Built Environment Testing, LLC

180 Blue Ravine Rd, Folsom, CA 95630

(800) 651-4802 www.eurofinsus.com/Built

Client: Hygiene Technologies International, Inc.:
 California
 C/O: Kenny Hsi, Lakhpreet Sandhu
 Re: 22401001-1; Random Sampling (Round 2)

Date of Sampling: 01-31-2024
 Date of Receipt: 02-06-2024
 Date of Report: 02-07-2024

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	22401001-1-TM06OUT			22401001-1-TM07		
Comments (see below)	None			None		
Lab ID-Version‡:	17244300-1			17244301-1		
Analysis Date:	02/06/2024			02/06/2024		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria	9	100	120			
Ascospores	15	25	800			
Basidiospores	59	25	3,100	3	25	160
Bipolaris/Drechslera group				1	100	13
Botrytis						
Chaetomium						
Cladosporium	141	25	7,500	1	25	53
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†	44	25	2,300	3	25	160
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes	8	100	110			
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)	2+			1+		
Hyphal fragments/m3	160			< 13		
Pollen/m3	67			< 13		
Skin cells (1-4+)	< 1+			< 1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			14.000			390

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† 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, expressed in spores/m³, per spore and per sample.

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.:

California

C/O: Kenny Hsi, Lakhpreet Sandhu

Re: 22401001-1; Random Sampling (Round 2)

Date of Sampling: 01-31-2024

Date of Receipt: 02-06-2024

Date of Report: 02-07-2024

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	22401001-1-TM08			22401001-1-TM09		
Comments (see below)	None			None		
Lab ID-Version‡:	17244302-1			17244303-1		
Analysis Date:	02/06/2024			02/06/2024		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria						
Ascospores				1	25	53
Basidiospores	1	25	53			
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium	3	25	160	3	25	160
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†	1	25	53			
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes	1	100	13			
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)	1+			1+		
Hyphal fragments/m3	13			< 13		
Pollen/m3	< 13			< 13		
Skin cells (1-4+)	< 1+			< 1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			280			210

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† 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, expressed in spores/m³, per spore and per sample.

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.

Eurofins EPK Built Environment Testing, LLC

180 Blue Ravine Rd, Folsom, CA 95630

(800) 651-4802 www.eurofinsus.com/Built

Client: Hygiene Technologies International, Inc.:
 California
 C/O: Kenny Hsi, Lakhpreet Sandhu
 Re: 22401001-1; Random Sampling (Round 2)

Date of Sampling: 01-31-2024
 Date of Receipt: 02-06-2024
 Date of Report: 02-07-2024

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	22401001-1-TM10			22401001-1-TM11		
Comments (see below)	None			None		
Lab ID-Version‡:	17244304-1			17244305-1		
Analysis Date:	02/06/2024			02/06/2024		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria	3	100	40			
Ascospores	7	25	370			
Basidiospores	15	25	800			
Bipolaris/Drechslera group						
Botrytis	1	100	13			
Chaetomium						
Cladosporium	49	25	2,600	5	25	270
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†	40	25	2,100			
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes	3	100	40			
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)	1+			1+		
Hyphal fragments/m3	53			< 13		
Pollen/m3	13			< 13		
Skin cells (1-4+)	< 1+			< 1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			6.000			270

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† 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, expressed in spores/m³, per spore and per sample.

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.:

California

C/O: Kenny Hsi, Lakhpreet Sandhu

Re: 22401001-1; Random Sampling (Round 2)

Date of Sampling: 01-31-2024

Date of Receipt: 02-06-2024

Date of Report: 02-07-2024

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	22401001-1-TM12			22401001-1-TM13		
Comments (see below)	None			None		
Lab ID-Version‡:	17244306-1			17244307-1		
Analysis Date:	02/06/2024			02/06/2024		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria						
Ascospores						
Basidiospores	1	25	53	1	25	53
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium	1	25	53	1	25	53
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†	2	25	110	1	25	53
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes						
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)	1+			1+		
Hyphal fragments/m3	< 13			< 13		
Pollen/m3	< 13			< 13		
Skin cells (1-4+)	< 1+			< 1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			210			160

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† 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, expressed in spores/m³, per spore and per sample.

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.

HYGIENE TECHNOLOGIES INTERNATIONAL

3625 DEL AMO BOULEVARD, SUITE 180, TORRANCE, CA 90503 • (310) 370-8370



003496702

Request For Analysis

Project Number/Purchase Order: <u>22312001-1</u>		Date Submitted: <u>01-02-24</u>	
Project Contact: <u>L. Sandhu/K. Hsi</u>		Turnaround Required: <u>Normal</u>	
Lab Destination: <u>EMLAB P & K</u>		Lab Contact: <u>Sample Receiving</u>	
SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
22312001-1-TM01OUT	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22312001-1-TM02	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22312001-1-TM03	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22312001-1-TM04	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22312001-1-TM05	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
Special Instructions: <u>Random Sampling (Round 1)</u>			
1. Sampled by: <u>[Signature]</u> on <u>12-14-23</u> @ <u>1515</u> hrs		Received by: <u>[Signature]</u> <u>1/8/24</u> <u>10:40 am</u>	
2. Relinquished by: <u>[Signature]</u> on <u>01-02-24</u> @ <u>1530</u> hrs		Received by: _____	
3. Relinquished by: _____		Received by: _____	
Please include signature, date, and time			
Lab Use Only:			

Los Angeles • Ontario • Sacramento • Santa Clarita • Torrance
Chicago • Cleveland • Norfolk • New York

Request For Analysis

Project Number/Purchase Order: 22312001-1

Date Submitted: 01-02-24

Project Contact: L. Sandhu/K. Hsi

Turnaround Required: Normal

Lab Destination: EMLAB P & K

Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
22312001-1-TM06OUT	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22312001-1-TM07	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22312001-1-TM08	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22312001-1-TM09	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)

Special Instructions: Random Sampling (Round 2)

1. Sampled by: [Signature] on 12-20-23@1510 hrs

Received by: [Signature] 1/3/24 10:10am

2. Relinquished by: [Signature] on 01-02-24@1530hrs

Received by: _____

3. Relinquished by: _____

Received by: _____

Please include signature, date, and time

Lab Use Only:

HYGIENE TECHNOLOGIES INTER



AL

003496005

3625 DEL AMO BOULEVARD, SUITE 180, TORRANCE, CA 90503 • (310) 370-8370

Request For Analysis

Project Number/Purchase Order: 22312001-1

Date Submitted: 01-02-24

Project Contact: L. Sandhu/K. Hsi

Turnaround Required: Normal

Lab Destination: EMLAB P & K

Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
22312001-1-TM10OUT	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22312001-1-TM11	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22312001-1-TM12	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22312001-1-TM13	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22312001-1-TM14	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)

Special Instructions: Random Sampling (Round 3)

1. Sampled by: [Signature] on 12-29-23@1620 hrs

Received by: [Signature]

2. Relinquished by: [Signature] on 01-02-24@1530 hrs

Received by: _____

3. Relinquished by: _____

Received by: _____

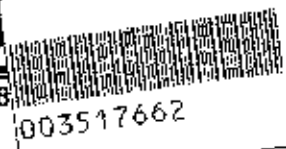
Please include signature, date, and time

Lab Use Only:

HYGIENE TECHNOLOGIES INTERNATIONAL

AL

3625 DEL AMO BOULEVARD, SUITE 180, TORRANCE, CA 90503 • (310) 370-8



74

Request For Analysis

Project Number/Purchase Order: <u>22401001-1</u>	Date Submitted: <u>01-25-24</u>
Project Contact: <u>L. Sandhu/K. Hsi</u>	Turnaround Required: <u>Normal</u>
Lab Destination: <u>EMLAB P & K</u>	Lab Contact: <u>Sample Receiving</u>

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
22401001-1-TM01OUT	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22401001-1-TM02	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22401001-1-TM03	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22401001-1-TM04	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22401001-1-TM05	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)

Special Instructions: Random Sampling (Round 1)

1. Sampled by: <u>[Signature]</u> on <u>01-22-24@1248</u> hrs	Received by: <u>[Signature]</u> <u>1/25/24</u> <u>1045AM</u>
2. Relinquished by: <u>[Signature]</u> on <u>01-25-24@1045</u> hrs	Received by: _____
3. Relinquished by: _____	Received by: _____

Please include signature, date, and time

Lab Use Only: _____

HYGIENE TECHNOLOGIES INTERNATIONAL

3625 DEL AMO BOULEVARD, SUITE 180, TORRANCE, CA 90503 • (310) 370-8370 • FAX (310) 370-2474

Request For Analysis

Project Number/Purchase Order: <u>22401001-1</u>		Date Submitted: <u>02-03-24</u>	
Project Contact: <u>L. Sandhu/K. Hsi</u>		Turnaround Required: <u>Normal</u>	
Lab Destination: <u>EMLAB P & K</u>		Lab Contact: <u>Sample Receiving</u>	
SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
22401001-1-TM06OUT	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22401001-1-TM07	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22401001-1-TM08	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22401001-1-TM09	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22401001-1-TM10	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22401001-1-TM11	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22401001-1-TM12	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
22401001-1-TM13	75 L	Air-O-Cell	Spore Trap Analysis (Total Fungi)
Special Instructions: <u>Random Sampling (Round 2)</u>			
1. Sampled by: <u>[Signature]</u> on <u>01-31-24@1342</u> hrs		Received by: <u>[Signature]</u> <u>2/16/24</u> <u>10:16 AM</u>	
2. Relinquished by: <u>[Signature]</u> on <u>02-03-24@1751</u> hrs		Received by: _____	
3. Relinquished by: _____		Received by: _____	
Please include signature, date, and time			
Lab Use Only:			

