



**Arkansas Heart Hospital  
Indoor Air Quality Test Results**

**Little Rock, AK  
10.24.2023**

## INTRODUCTION

Indoor Air Quality (re)testing took place throughout the interior space of the Arkansas Heart Hospital. The purpose was two-fold: first, we needed to identify the nature and extent of any potential airborne mold/fungi, non-viable particulate matter that can act as allergens (dander, fiber glass, pollen, dust mites, etc.), and chemical compounds. The second purpose was to compare the findings to the conditions that were present prior to the installation of the M4 System diffuser to determine its effectiveness. The testing was scheduled approx. 8 weeks after original M4 System installation, and most samples were taken in the exact same locations as the pre-installation testing for as much comparative accuracy as possible. Air sampling identified each airborne mold spore by species and quantified them by concentration level in the unit of measurement "spores per cubic meter" of air (spores/m<sup>3</sup>). Also identified and quantified in each air sample: Hyphal fragments, pollen, insect parts, dust mites, hairs, algae, cellulose particles, starch particles, dander (skin cells), fiber glass particles, synthetic fibers, carbon-based particles, and general background debris such as dust/dirt.

## SUMMARY

Samples were analyzed by one of the nation's premier IAQ and microbiology laboratory Eurofins EPK Laboratory located in Ft. Lauderdale, FL. Test results indicate the following noteworthy points:

1. Air sample results from the pre-test showed a typical variety of airborne mold/fungal species, as well as a typical variety of nonbiological particulate matter. Anything that was detected that would be considered pathogenic (i.e. Cladosporium and Aspergillus sp.) was found in low levels that are indicative of normal conditions with exception to a couple of samples (Corridor, Nurse's Station 2nd floor, and Respiratory #2), which were "borderline" in terms of acceptable levels.
2. Pre-test: [Taken from pre-installation report]: Results for the non-biological particulate matter showed a healthy variety of items present, including cellulose fibers, synthetic fibers, starch particles, dander (skin cells), and fiber glass particles. Concentration levels were notably excessive with dander in particular. Also, fiber glass particles were identified in 5 of the 8 areas checked. This includes sensitive zones such as Respiratory and Wound Care. Concentration levels were moderately high, and with particular note to glass particles, it is preferable to find no glass particles in the air, especially in a hospital setting.
3. Post-M4 installation data shows a dramatic reduction, and in some cases total elimination of, airborne mold/fungi, general particulate matter, as well as VOCs (chemical based 'volatile organic compounds').

## AIRBORNE CONCENTRATION LEVELS IN CONTEXT

1. Mold/Fungi: (spores/m<sup>3</sup> = number of spores per cubic meters of air.

- Cladosporium

- >Lobby:

- i. 590 spores/m<sup>3</sup> pre-installation

- ii. 27 spores/m<sup>3</sup> post-installation

- >Corridor:

- i. 2,000 spores/m<sup>3</sup> pre-installation

- ii. 0 spores/m<sup>3</sup> post-installation

- >Nurse's station:

- i. 1,000 spores/m<sup>3</sup> pre-installation

- ii. 0 spores/m<sup>3</sup> post-installation

- >Respiratory:

- i. 53 spores/m<sup>3</sup> pre-installation

- ii. 13 spores/m<sup>3</sup> post-installation

- Penicillium/Aspergillus

- >Lobby:

- i. 110 spores/m<sup>3</sup> pre-installation

- ii. 0 spores/m<sup>3</sup> post-installation

- >Corridor:

- i. 110 spores/m<sup>3</sup> pre-installation

## AIRBORNE CONCENTRATION LEVELS IN CONTEXT

- ii. 0 spores/m<sup>3</sup> post-installation
  - >Nurse's station:
    - i. 370 spores/m<sup>3</sup> pre-installation
    - ii. 0 spores/m<sup>3</sup> post-installation
  - >Respiratory:
    - i. 210 spores/m<sup>3</sup> pre-installation
    - ii. 0 spores/m<sup>3</sup> post-installation
- Basidiospores
  - >Lobby:
    - i. 1,000/m<sup>3</sup> pre-installation
    - ii. 40/m<sup>3</sup> post-installation
  - >Corridor:
    - i. 1,800/m<sup>3</sup> pre-installation
    - ii. 0/m<sup>3</sup> post-installation
  - >Nurse's station:
    - i. 1,200/m<sup>3</sup> pre-installation
    - ii. 0/m<sup>3</sup> post-installation
  - >Respiratory:
    - i. 6,000/m<sup>3</sup> pre-installation
    - ii. 0/m<sup>3</sup> post-installation

## AIRBORNE CONCENTRATION LEVELS IN CONTEXT

### 2. Non-viable particulate matter:

- Dander

- >Engineering:

- i. 6,000/m<sup>3</sup> pre-installation

- ii. 130/m<sup>3</sup> post-installation

- >Wound Care:

- i. 4,200/m<sup>3</sup> pre-installation

- ii. 120/m<sup>3</sup> post-installation

- >Pre-Admin:

- i. 3,500/m<sup>3</sup> pre-installation

- ii. 210/m<sup>3</sup> post-installation

- >Corridor L2:

- i. 3,400/m<sup>3</sup> pre-installation

- ii. 80/m<sup>3</sup> post-installation

- >Respiratory:

- i. 6,100/m<sup>3</sup> pre-installation

- ii. 130/m<sup>3</sup> post-installation

- >Nurse's Station:

- i. 3,100/m<sup>3</sup> pre-installation

- ii. 40/m<sup>3</sup> post-installation

## AIRBORNE CONCENTRATION LEVELS IN CONTEXT

>Admin:

- i. 2,800/m<sup>3</sup> pre-installation
- ii. 67/m<sup>3</sup> post-installation

- Fiber glass particles:  
Originally identified in 5 of 8 samples, and were completely eliminated in post- test samples.
- Other miscellaneous airborne particles identified in the pre-installation of the M3 System units such as Starch Particles, Cellulose fibers, Synthetic Fibers, etc. were all virtually eliminated or found in such minor levels that their presence is insignificant.
- The “Background Debris” reading on all air samples taken prior to the M3 System installations showed a 3+ reading out of 4+ [readings go from 1, to 1+, to 2, 2+, 3, 3+, 4, and 4+). This indicates a very high amount of dust & dirt from the air was present in the samples as “background debris” on top of everything else identified. The post-installation testing showed every “background debris” reading to be “<1+” which indicates the overall cleanliness of the air in general, and verifies that the M4 System and micro-vaporized product are removing these particles from the air.

## VOC/CHEMICAL COMPOUND REDUCTIONS

During the original testing, we sampled for the airborne chemical compounds, or VOCs, that may be present in the air to identify them by type and concentration level. Sample results showed an alarming number of harmful chemical compounds to be present, several of which appeared to exceed OSHA limits. We installed two VOC monitors to run and take readings of the VOC levels after the M4 System units were installed. Here is what we found:

3 Color-Coded LED Indicator			
	 Good	 Fair	 Poor
PM2.5	< 12ug/m <sup>3</sup>	12.1-55.4ug/m <sup>3</sup>	> 55.5ug/m <sup>3</sup>
HCHO	< 0.1mg/m <sup>3</sup>	0.1-0.3mg/m <sup>3</sup>	> 0.3mg/m <sup>3</sup>
TVOC	< 0.6mg/m <sup>3</sup>	0.6-1.6mg/m <sup>3</sup>	> 1.6mg/m <sup>3</sup>
AQI	< 50	50-150	> 150

\* The standard referred to EPA/ WHO/ Bundesumweltministerium

\*AQI: Air Quality Index

\*HCHO: Formaldehyde

\*PM2.5: refers to fine inhalable particles w/ diameters that are generally 2.5 micrometers & smaller.

\*TVOC: Total VOCs

>Basement:

AQI: 8    HCHO: 0.07    PM2.5: 2    TVOC: 0.37

>Admin 3rd Floor:

AQI: 4    HCHO: 0.09    PM2.5: 1    TVOC: 0.52

## CONCLUSION

Total VOC (TVOC) count prior to M4 System installation was a 2.54. According to the EPA/WHO, that gets a "POOR" rating. For the TVOC counts approx. 8 weeks after installation, the data show a 0.37 for the basement, and a 0.52 for the Admin. 3rd Floor area. These represent reductions of 86% and 80%, respectively, and earn the hospital a "GOOD" rating per EPA/WHO.

- Compare the other numbers with the chart as well. The Air Quality Index needs to be below 50 to be in good standing. The two VOC monitors show an 8 and a 4, respectfully.
- Formaldehyde was identified (not uncommon in hospitals). Following the chart, the concentration level in the two areas of 0.07 and 0.09 are below the line of 0.1 and also earn a "GOOD" rating per the EPA/WHO.
- The PM2.5 readings must be below 12 micrograms per cubic meter of air to earn "GOOD" standing with the EPA/WHO, and the numbers in the two locations were 2, and 1 respectfully. The data presented in this report verifies the effectiveness of the M3 System's ability to remove allergens, pathogens, and harmful chemical compounds from the air, providing the client's workspace with a much safer breathing space. It also underscores its ability to act as a preventative measure for long term considerations. This is important as a business owner because the vast majority of absenteeism due to illness is respiratory in nature.

The following pages contain the testing reports for your review. Thank you.

Respectfully,  
Kevin Martin CEO  
GICC LLC

**EUROFINS | BUILT ENVIRONMENT TESTING**  
**POST M4 TESTING OF ARKANSAS HEART HOSPITAL**  
**EMD ID: 3428021 10.24.2023**

Service SOPs: Spore trap analysis (EB-MY-S-1038) AIHA-LAP  
LLC accredited service, Lab ID #173067

- 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.

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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.

Approved by:  
Balu Krishnan  
Business Unit Manager

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	368 16889: Outdoor		368 16893: Engineering		368 16898: Wound Care		368 16886: Lobby		368 16929: Pre Admission Test	
Comments (see below)	None		None		None		None		None	
Lab ID-Version‡:	16686716-1		16686717-1		16686719-1		16686721-1		16686722-1	
Analysis Date:	10/24/2023		10/24/2023		10/24/2023		10/24/2023		10/24/2023	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	66	880							1	13
Ascospores	32	1,700							1	13
Basidiospores	138	7,400	5	67	1	13	3	40	2	27
Bipolaris/Drechslera group	18	240								
Cercospora	14	190								
Chaetomium										
Cladosporium	499	12,000					2	27	16	210
Epicoccum	10	130								
Myrothecium										
Nigrospora	2	27								
Other brown										
Other colorless										
Penicillium/Aspergillus types†									2	27
Pithomyces										
Rusts	3	40								
Smuts, Periconia, Myxomycetes	1	13								
Stachybotrys										
Stemphylium										
Torula										
Ulocladium										
Zygomycetes										
Background debris (1-4+)††	1+		< 1+		< 1+		< 1+		< 1+	
Hyphal fragments/m3	410		< 13		13		< 13		< 13	
Pollen/m3	< 13		< 13		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		23,000		67		13		67		290

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	368 16888: Corridor Level 2		36816900: Respiratory 3		368 16884: Nursery Station 1		368 16911: E.R	
Comments (see below)	None		None		A		None	
Lab ID-Version‡:	16686724-1		16686726-1		16686728-1		16686730-1	
Analysis Date:	10/24/2023		10/24/2023		10/24/2023		10/24/2023	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Ascospores							3	40
Basidiospores							12	160
Bipolaris/Drechslera group								
Cercospora								
Chaetomium								
Cladosporium			1	13			6	80
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Other brown	1	13						
Other colorless								
Penicillium/Aspergillus types†								
Pithomyces								
Rusts								
Smuts, Periconia, Myxomycetes								
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	< 1+		< 1+		< 1+		< 1+	
Hyphal fragments/m3	< 13		< 13		< 13		< 13	
Pollen/m3	< 13		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		13		13		< 13		280

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	368 16887: Room #337		368 16902: Employee Well		368 16927: Corridor Lev 3		368 16892: Admin Conference	
Comments (see below)	None		A		A		A	
Lab ID-Version‡:	16686731-1		16686732-1		16686733-1		16686734-1	
Analysis Date:	10/24/2023		10/24/2023		10/24/2023		10/24/2023	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Ascospores	1	13						
Basidiospores	1	13						
Bipolaris/Drechslera group								
Cercospora								
Chaetomium								
Cladosporium								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Other brown								
Other colorless								
Penicillium/Aspergillus types†								
Pithomyces								
Rusts	1	13						
Smuts, Periconia, Myxomycetes								
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	< 1+		< 1+		< 1+		< 1+	
Hyphal fragments/m3	< 13		< 13		< 13		< 13	
Pollen/m3	< 13		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		40		< 13		< 13		< 13

**Comments:** A) No spores detected.

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/m<sup>3</sup> divided by the raw count, expressed in spores/m<sup>3</sup>, 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/m<sup>3</sup> has been rounded to two significant figures to reflect analytical precision.

**EUROFINS | BUILT ENVIRONMENT TESTING**  
**POST M4 TESTING OF ARKANSAS HEART HOSPITAL**  
**EMD ID: 3428021 10.24.2023**

Service SOPs: Spore trap analysis other particles - Supplement (EB-MY-S-1038)  
AIHA-LAPLLC accredited service, Lab ID #173067

- 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.

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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.

Approved by:  
Balu Krishnan  
Business Unit Manager

**OTHER BIOLOGICAL PARTICLES REPORT: NON-VIABLE METHODOLOGY**

Location:	368 16893: Engineering		368 16898: Wound Care		368 16929: Pre Admission Test		368 16888: Corridor Level 2	
Comments (see below)	None		None		None		None	
Lab ID-Version†:	16686718-1		16686720-1		16686723-1		16686725-1	
	raw ct.	particles/m3	raw ct.	particles/m3	raw ct.	particles/m3	raw ct.	particles/m3
<b>POLLEN</b>								
Mulberry (Morus)								
Oak (Quercus)								
Other								
Pine (Pinaceae)								
Ragweed (Ambrosieae)								
Sycamore (Platanus)								
<b>OTHER PLANT</b>								
Algae								
Diatoms								
Fern, moss, etc. spores								
Other (wood, trichomes, etc.)								
<b>OTHER PARTICLES:</b>								
<b>ANIMAL</b>								
Epithelial (skin) cells	10	130	9	120	16	210	6	80
Hair								
Insect parts								
Mites								
<b>FUNGI</b>								
Hyphal fragments			1	13				
<b>NON-BIOLOGICAL</b>								
Carbonaceous-like particles	1	13	1	13	1	13	2	27
Cellulose fibers	4	53	1	13	1	13	3	40
Glass fiber								
Mineral particles							2	27
Starch particles					2	27		
Synthetic fibers			1	13				
Background debris (1-4+)†	< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	

**OTHER BIOLOGICAL PARTICLES REPORT: NON-VIABLE METHODOLOGY**

Location:	36816900: Respiratory 3		368 16884: Nursery Station 1		368 16892: Admin Conference	
Comments (see below)	None		None		None	
Lab ID-Version‡:	16686727-1		16686729-1		16686735-1	
	raw ct.	particles/m3	raw ct.	particles/m3	raw ct.	particles/m3
<b>POLLEN</b>						
Mulberry (Morus)						
Oak (Quercus)						
Other						
Pine (Pinaceae)						
Ragweed (Ambrosieae)						
Sycamore (Platanus)						
<b>OTHER PLANT</b>						
Algae						
Diatoms						
Fern, moss, etc. spores						
Other (wood, trichomes, etc.)						
<b>OTHER PARTICLES:</b>						
<b>ANIMAL</b>						
Epithelial (skin) cells	10	130	3	40	5	67
Hair						
Insect parts						
Mites						
<b>FUNGI</b>						
Hyphal fragments						
<b>NON-BIOLOGICAL</b>						
Carbonaceous-like particles			1	13		
Cellulose fibers	6	80	2	27	1	13
Glass fiber						
Mineral particles					9	120
Starch particles						
Synthetic fibers						
Background debris (1-4+)†	< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75	

**Comments:**

The analytical sensitivity is the spores/m<sup>3</sup> divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

Carbonaceous particles include soot and other combustion products. In most instances a detailed analysis of soot can be accomplished using scanning electron microscopy.

Note: Interpretation is left to the company and/or persons who conducted the field work.

† Background debris is an indication of the amounts of non-biological particulate matter present on the slide (dust in the air) and is graded from 1+ to 4+ with 4+ indicating the largest amounts. To evaluate dust levels it is important to account for differences in sample volume.

‡ 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".

**MoldRANGE™: Extended Outdoor Comparison**

**Outdoor Location: 368 16889, Outdoor**

Fungi Identified	Outdoor data	Typical Outdoor Data for: October in Arkansas† (n‡=383)						Typical Outdoor Data for: The entire year in Arkansas† (n‡=3501)					
		very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
<b>Generally able to grow indoors*</b>													
Alternaria	880	13	20	67	190	320	75	13	13	53	160	280	64
Bipolaris/Drechslera group	240	7	7	20	53	120	49	7	13	20	53	120	36
Chaetomium	-	7	7	13	22	68	8	7	7	13	27	67	8
Cladosporium	12,000	200	480	1,400	4,700	9,300	98	73	160	830	3,200	5,800	95
Curvularia	-	13	13	33	93	190	55	7	13	27	110	200	39
Epicoccum	130	7	13	27	69	110	49	7	13	27	57	110	46
Nigrospora	27	7	13	27	59	95	56	7	13	27	60	110	34
Other brown	-	7	13	20	53	83	34	7	12	19	40	80	32
Penicillium/Aspergillus types	-	53	110	280	910	1,900	81	38	53	210	690	1,300	76
Stachybotrys	-	-	-	-	-	-	3	7	10	13	64	130	3
Torula	-	7	13	20	64	100	23	7	10	20	52	80	15
<b>Seldom found growing indoors**</b>													
Ascospores	1,700	67	130	350	1,100	2,000	96	38	80	380	1,500	2,900	89
Basidiospores	7,400	270	480	1,600	5,000	9,600	98	60	160	960	4,100	9,100	96
Cercospora	190	13	13	53	190	350	52	10	13	47	150	270	38
Rusts	40	7	13	27	57	93	32	7	7	13	53	110	18
Smuts, Periconia, Myxomycetes	13	27	40	130	320	580	92	13	27	67	210	390	80
<b>§ TOTAL SPORES/m3</b>	<b>23,000</b>												

### Comments:

†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/m<sup>3</sup>. 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/m<sup>3</sup> 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 Eurofins 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, Eurofins EMLab P&K may not have received and tested a representative number of samples for every region or time period. Eurofins 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.

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Outdoor Summary: 368 16889: Outdoor**

Species detected	Outdoor sample spores/m3				Typical outdoor ranges (North America)	Freq. %
	<100	1K	10K	>100K		
Alternaria				880	7 - 27 - 390	39
Ascospores				1,700	13 - 210 - 5,500	74
Basidiospores				7,400	13 - 430 - 22,000	89
Bipolaris/Drechslera group				240	7 - 13 - 190	13
Cercospora				190	7 - 27 - 430	11
Cladosporium				12,000	27 - 430 - 7,700	87
Epicoccum				130	7 - 27 - 270	19
Nigrospora				27	7 - 13 - 250	15
Penicillium/Aspergillus types				< 13	19 - 190 - 2,700	61
Rusts				40	7 - 27 - 350	16
Smuts, Periconia, Myxomycetes				13	7 - 53 - 790	63
<b>Total</b>				23,000		

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.

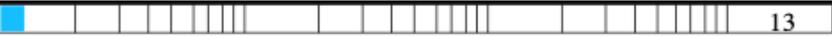
**Indoor Samples**

**Location: 368 16893: Engineering**

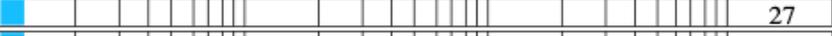
% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)	
Result: < 1%	dF: 11 Result: 11.6484 Critical value: 19.6752 Inside Similar: Yes	Result: 0.1818	dF: 10 Result: 0.5758 Critical value: 0.5515 Outside Similar: Yes	Score: 105 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
	Basidiospores				67
	<b>Total</b>				67

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

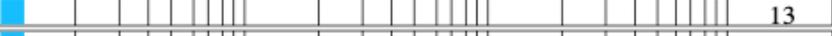
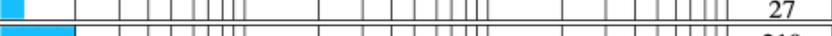
Location: 368 16898: Wound Care

% 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: 11 Result: 11.6484 Critical value: 19.6752 Inside Similar: Yes	Result: 0.1818	dF: 10 Result: 0.5758 Critical value: 0.5515 Outside Similar: Yes	Score: 101 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Basidiospores					13
<b>Total</b>					13

Location: 368 16886: Lobby

% 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: 11 Result: 11.6484 Critical value: 19.6752 Inside Similar: Yes	Result: 0.3333	dF: 10 Result: 0.7333 Critical value: 0.5515 Outside Similar: Yes	Score: 102 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Basidiospores					40
Cladosporium					27
<b>Total</b>					67

Location: 368 16929: Pre Admission Test

% 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: 11 Result: 11.6484 Critical value: 19.6752 Inside Similar: Yes	Result: 0.5333	dF: 11 Result: 0.5523 Critical value: 0.5273 Outside Similar: Yes	Score: 104 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Alternaria					13
Ascospores					13
Basidiospores					27
Cladosporium					210
Penicillium/Aspergillus types					27
<b>Total</b>					290

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 368 16888: Corridor Level 2

% 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: 11 Result: 11.6484 Critical value: 19.6752 Inside Similar: Yes	Result: 0.0000	dF: 11 Result: 0.1250 Critical value: 0.5273 Outside Similar: No	Score: 105 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Other brown					13
<b>Total</b>					13

**Location:** 36816900: Respiratory 3

% 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: 11 Result: 11.6484 Critical value: 19.6752 Inside Similar: Yes	Result: 0.1818	dF: 10 Result: 0.6364 Critical value: 0.5515 Outside Similar: Yes	Score: 100 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Cladosporium					13
<b>Total</b>					13

**Location:** 368 16884: Nursery Station 1

% 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: 11 Result: 11.6484 Critical value: 19.6752 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
<b>None Detected</b>					< 13

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 368 16911: E.R

% 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: 11 Result: 11.6484 Critical value: 19.6752 Inside Similar: Yes	Result: 0.4615	dF: 10 Result: 0.8182 Critical value: 0.5515 Outside Similar: Yes	Score: 107 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Ascospores					40
Basidiospores					160
Cladosporium					80
<b>Total</b>					<b>280</b>

**Location:** 368 16887: Room #337

% 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: 11 Result: 11.6484 Critical value: 19.6752 Inside Similar: Yes	Result: 0.4615	dF: 10 Result: 0.3939 Critical value: 0.5515 Outside Similar: No	Score: 100 Result: Low	
Species Detected		Spores/m3			
		<100	1K	10K	>100K
Ascospores					13
Basidiospores					13
Rusts					13
<b>Total</b>					<b>40</b>

**Location:** 368 16902: Employee Well

% 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: 11 Result: 11.6484 Critical value: 19.6752 Inside Similar: Yes	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 368 16927: Corridor Lev 3

<b>% of outdoor total spores/m3</b>	<b>Friedman chi-square* (indoor variation)</b>	<b>Agreement ratio** (indoor/outdoor)</b>	<b>Spearman rank correlation*** (indoor/outdoor)</b>	<b>MoldSCORE**** (indoor/outdoor)</b>
Result: < 1%	dF: 11 Result: 11.6484 Critical value: 19.6752 Inside Similar: Yes	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low
<b>Species Detected</b>		<b>Spores/m3</b>		
		<100	1K	10K
<b>None Detected</b>		< 13		

**Location:** 368 16892: Admin Conference

<b>% of outdoor total spores/m3</b>	<b>Friedman chi-square* (indoor variation)</b>	<b>Agreement ratio** (indoor/outdoor)</b>	<b>Spearman rank correlation*** (indoor/outdoor)</b>	<b>MoldSCORE**** (indoor/outdoor)</b>
Result: < 1%	dF: 11 Result: 11.6484 Critical value: 19.6752 Inside Similar: Yes	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low
<b>Species Detected</b>		<b>Spores/m3</b>		
		<100	1K	10K
<b>None Detected</b>		< 13		

### Comments:

\* 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. Eurofins 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 Eurofins 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. Eurofins 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.

**MoldSCORE™: Spore Trap Report**  
**Outdoor Sample: 368 16889 Outdoor**

Fungi Identified	Outdoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
<b>Generally able to grow indoors*</b>						
Alternaria					66	880
Bipolaris/Drechslera group					18	240
Chaetomium					ND	< 13
Cladosporium					499	12,000
Curvularia					ND	< 13
Epicoccum					10	130
Nigrospora					2	27
Penicillium/Aspergillus types†					ND	< 13
Stachybotrys					ND	< 13
Torula					ND	< 13
<b>Seldom found growing indoors**</b>						
Ascospores					32	1,700
Basidiospores					138	7,400
Cercospora					14	190
Rusts					3	40
Smuts, Periconia, Myxomycetes					1	13
<b>Total</b>						<b>22,960</b>

**Location: 368 16893 Engineering**

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
<b>Generally able to grow indoors*</b>						
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
<b>Seldom found growing indoors**</b>						
Ascospores					ND	< 13
Basidiospores					5	67
Rusts					ND	< 13
Smuts, Periconia, Myxomycetes					ND	< 13
<b>Total</b>						<b>67</b>

MoldSCORE‡			Score
100	200	300	
			100
			100
			100
			100
			100
			100
			100
			100
			100
			100
			105
			100
			100
<b>Final MoldSCORE</b>			<b>105</b>

**MoldSCORE™: Spore Trap Report**

**Location:** 368 16898 Wound Care

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
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
<b>Seldom found growing indoors**</b>										
Ascospores					ND	< 13				100
Basidiospores					1	13				101
Rusts					ND	< 13				100
Smuts, Periconia, Myxomycetes					ND	< 13				100
<b>Total</b>						<b>13</b>				<b>Final MoldSCORE 101</b>

**Location:** 368 16886 Lobby

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
Alternaria					ND	< 13				100
Bipolaris/Drechslera group					ND	< 13				100
Chaetomium					ND	< 13				100
Cladosporium					2	27				100
Curvularia					ND	< 13				100
Nigrospora					ND	< 13				100
Penicillium/Aspergillus types†					ND	< 13				100
Stachybotrys					ND	< 13				100
Torula					ND	< 13				100
<b>Seldom found growing indoors**</b>										
Ascospores					ND	< 13				100
Basidiospores					3	40				102
Rusts					ND	< 13				100
Smuts, Periconia, Myxomycetes					ND	< 13				100
<b>Total</b>						<b>67</b>				<b>Final MoldSCORE 102</b>

**MoldSCORE™: Spore Trap Report**

**Location:** 368 16929 Pre Admission Test

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡	
	<100	1K	10K	>100K			100	200
<b>Generally able to grow indoors*</b>								
Alternaria	█				1	13	█	101
Bipolaris/Drechslera group					ND	< 13	█	100
Chaetomium					ND	< 13	█	100
Cladosporium	█				16	210	█	104
Curvularia					ND	< 13	█	100
Nigrospora					ND	< 13	█	100
Penicillium/Aspergillus types†	█				2	27	█	104
Stachybotrys					ND	< 13	█	100
Torula					ND	< 13	█	100
<b>Seldom found growing indoors**</b>								
Ascospores	█				1	13	█	100
Basidiospores	█				2	27	█	100
Rusts					ND	< 13	█	100
Smuts, Periconia, Myxomycetes					ND	< 13	█	100
<b>Total</b>						<b>293</b>		<b>Final MoldSCORE 104</b>

**Location:** 368 16888 Corridor Level 2

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡	
	<100	1K	10K	>100K			100	200
<b>Generally able to grow indoors*</b>								
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
<b>Seldom found growing indoors**</b>								
Ascospores					ND	< 13	█	100
Basidiospores					ND	< 13	█	100
Rusts					ND	< 13	█	100
Smuts, Periconia, Myxomycetes					ND	< 13	█	100
<b>Total</b>						<b>13</b>		<b>Final MoldSCORE 105</b>

**MoldSCORE™: Spore Trap Report**

Location: 36816900 Respiratory 3

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

Location: 368 16884 Nursery Station 1

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
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
<b>Seldom found growing indoors**</b>										
Ascospores					ND	< 13	█	█	█	100
Basidiospores					ND	< 13	█	█	█	100
Rusts					ND	< 13	█	█	█	100
Smuts, Periconia, Myxomycetes					ND	< 13	█	█	█	100
<b>Total</b>						<b>N/A</b>				<b>Final MoldSCORE 100</b>

**MoldSCORE™: Spore Trap Report**

**Location:** 368 16911 E.R

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
Alternaria					ND	< 13				100
Bipolaris/Drechslera group					ND	< 13				100
Chaetomium					ND	< 13				100
Cladosporium					6	80				100
Curvularia					ND	< 13				100
Nigrospora					ND	< 13				100
Penicillium/Aspergillus types†					ND	< 13				100
Stachybotrys					ND	< 13				100
Torula					ND	< 13				100
<b>Seldom found growing indoors**</b>										
Ascospores					3	40				108
Basidiospores					12	160				107
Rusts					ND	< 13				100
Smuts, Periconia, Myxomycetes					ND	< 13				100
<b>Total</b>						<b>280</b>				<b>Final MoldSCORE 107</b>

**Location:** 368 16887 Room #337

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
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
<b>Seldom found growing indoors**</b>										
Ascospores					1	13				104
Basidiospores					1	13				100
Rusts					1	13				105
Smuts, Periconia, Myxomycetes					ND	< 13				100
<b>Total</b>						<b>40</b>				<b>Final MoldSCORE 100</b>

**MoldSCORE™: Spore Trap Report**

**Location:** 368 16902 Employee Well

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
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
<b>Seldom found growing indoors**</b>										
Ascospores					ND	< 13				100
Basidiospores					ND	< 13				100
Rusts					ND	< 13				100
Smuts, Periconia, Myxomycetes					ND	< 13				100
<b>Total</b>						<b>N/A</b>				<b>Final MoldSCORE 100</b>

**Location:** 368 16927 Corridor Lev 3

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
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
<b>Seldom found growing indoors**</b>										
Ascospores					ND	< 13				100
Basidiospores					ND	< 13				100
Rusts					ND	< 13				100
Smuts, Periconia, Myxomycetes					ND	< 13				100
<b>Total</b>						<b>N/A</b>				<b>Final MoldSCORE 100</b>

**MoldSCORE™: Spore Trap Report**

**Location:** 368 16892 Admin Conference

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
<b>Generally able to grow indoors*</b>										
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	
<b>Seldom found growing indoors**</b>										
Ascospores					ND	< 13	█	█	100	
Basidiospores					ND	< 13	█	█	100	
Rusts					ND	< 13	█	█	100	
Smuts, Periconia, Myxomycetes					ND	< 13	█	█	100	
<b>Total</b>						<b>N/A</b>				
							<b>Final MoldSCORE</b>		<b>100</b>	

**Comments:**

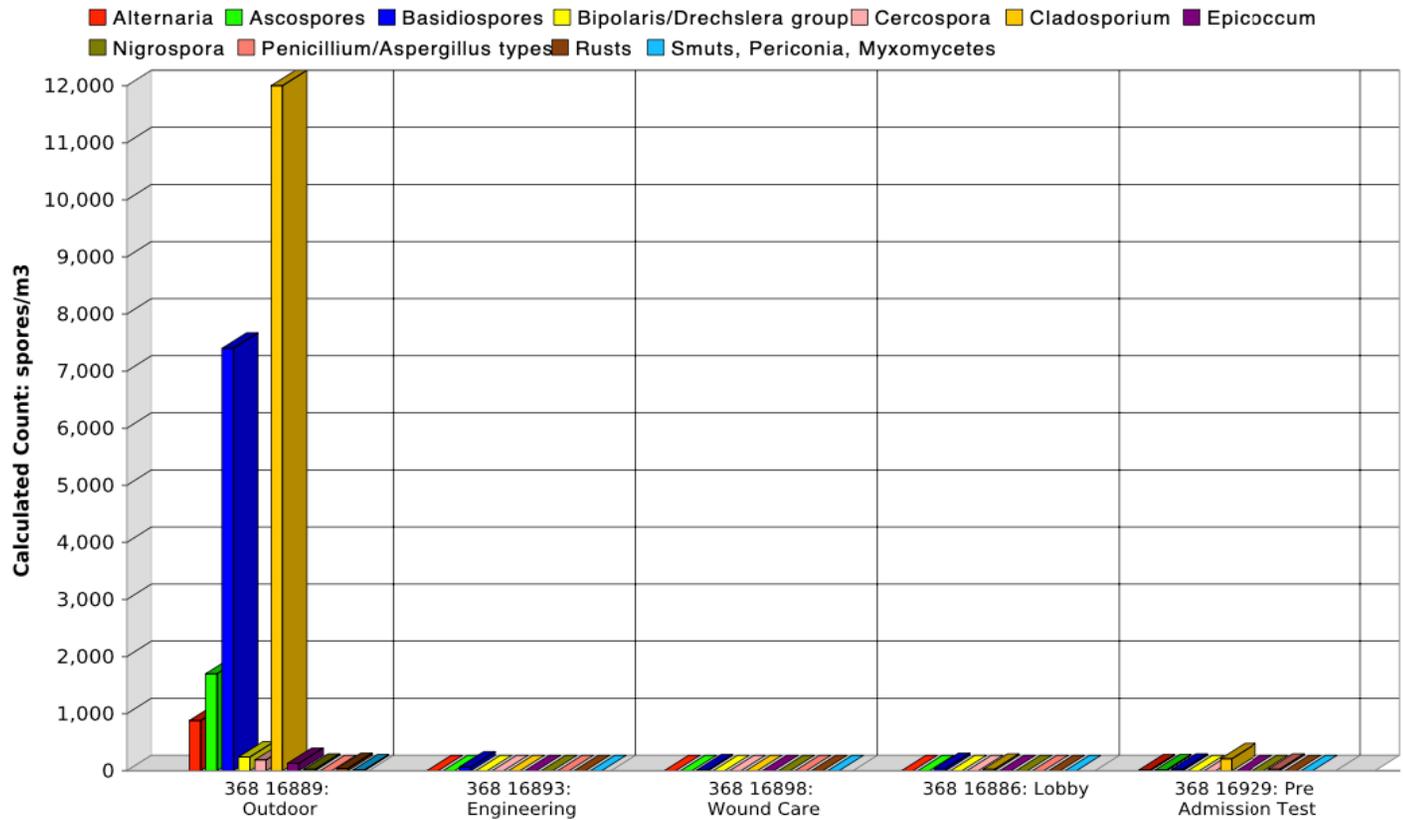
\* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. Cladosporium is one of the predominant spore types worldwide and is 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.

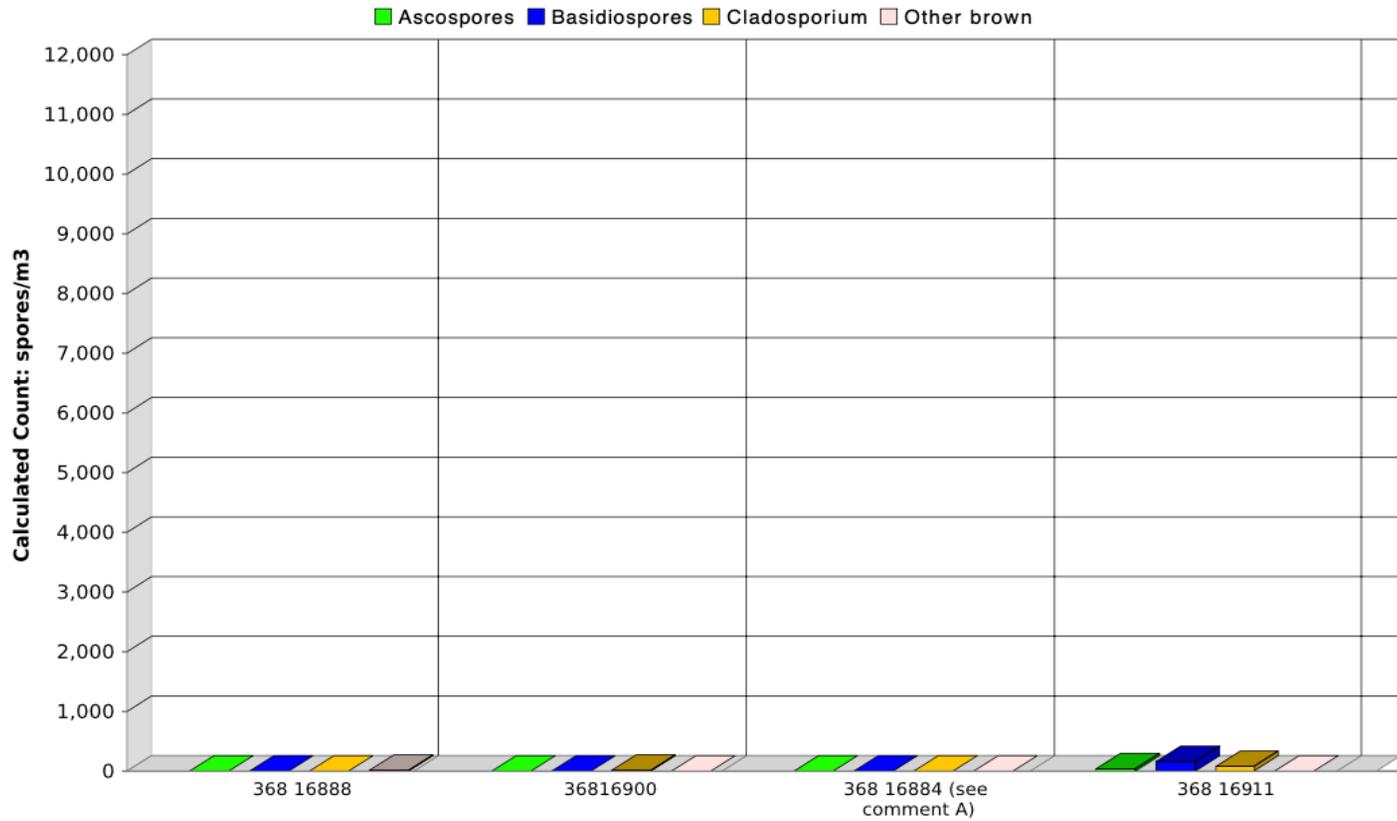
†The spores of Aspergillus and Penicillium (and others such as Acremonium, Paecilomyces) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

‡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.

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

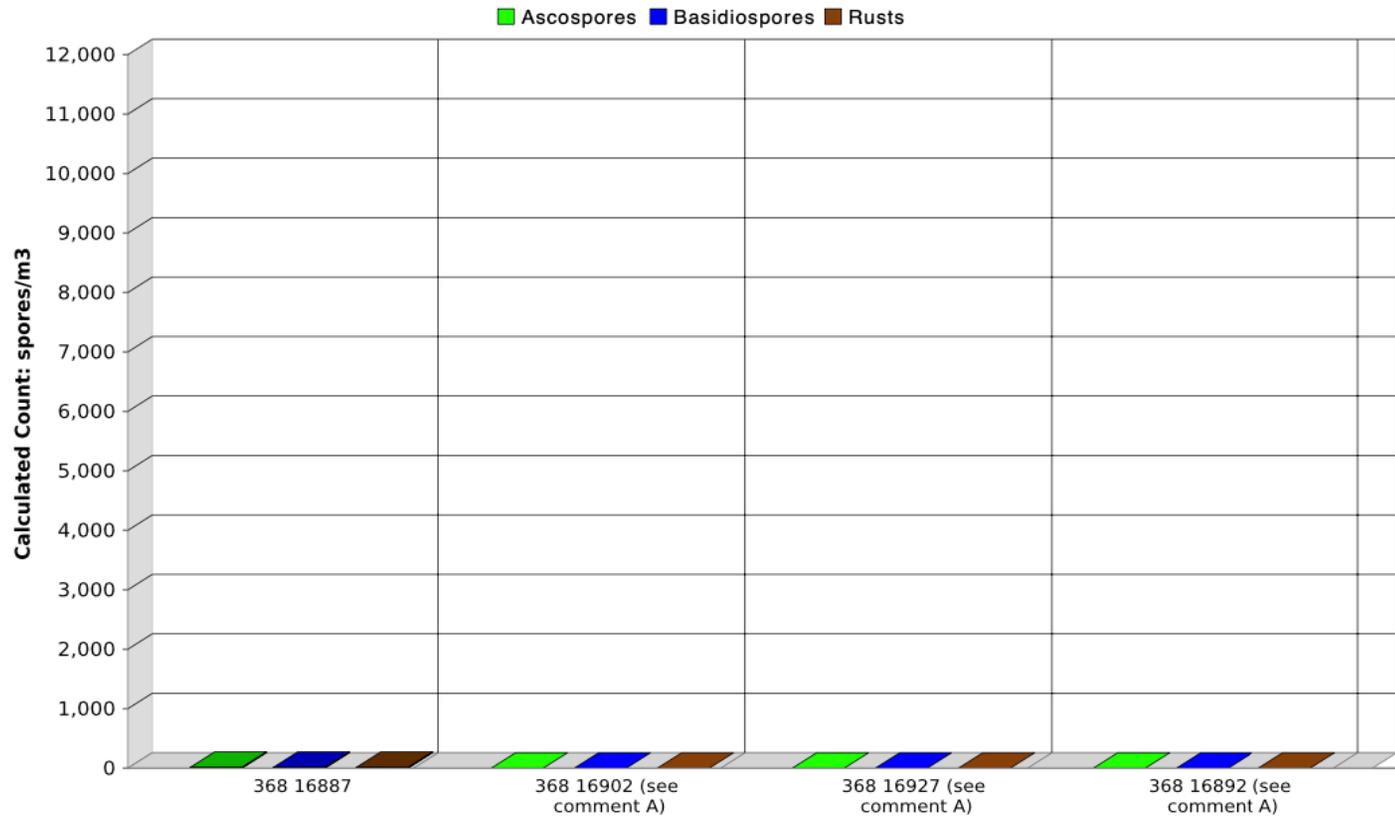


**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**



Comments: A) No spores detected.

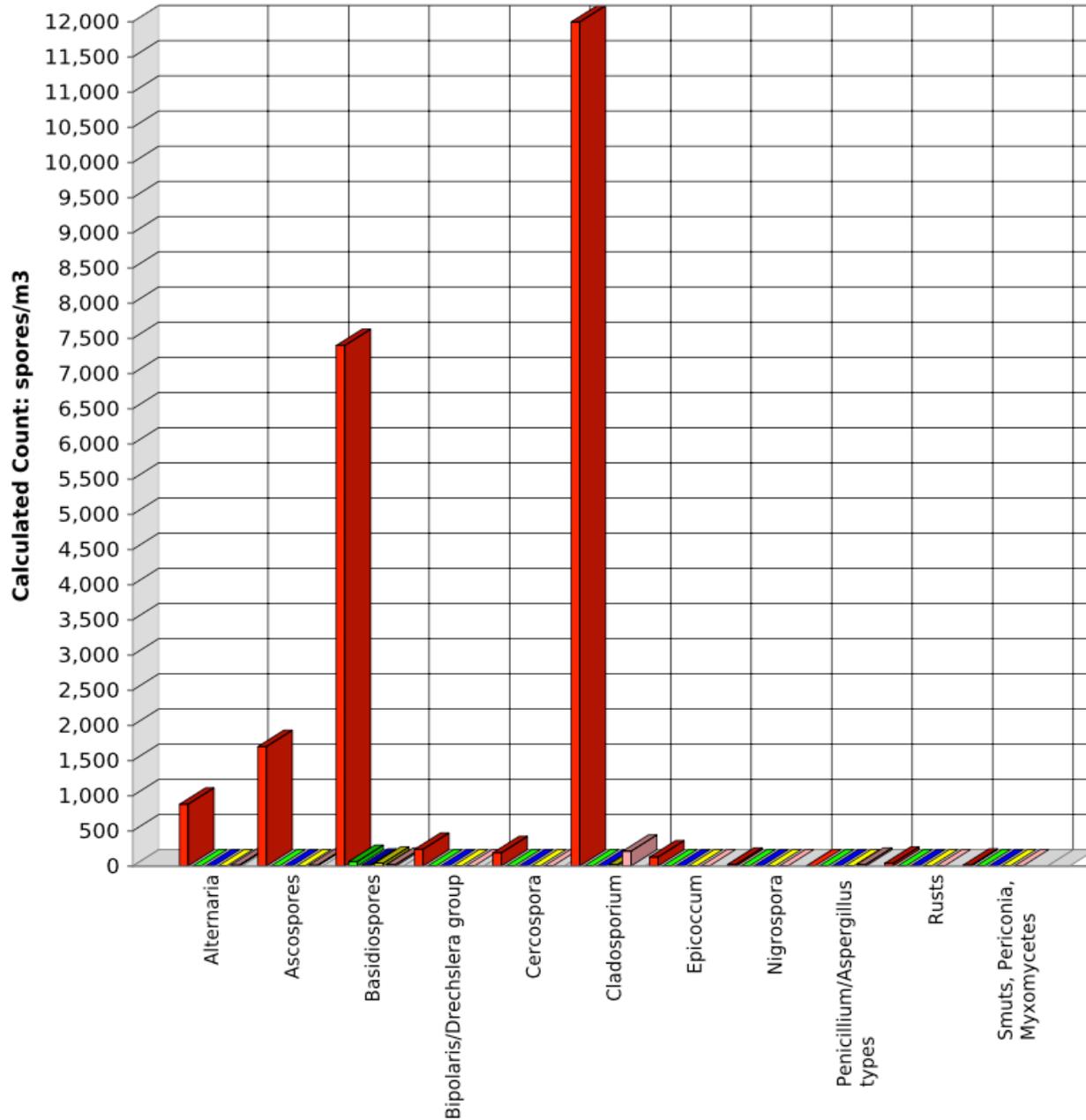
**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**



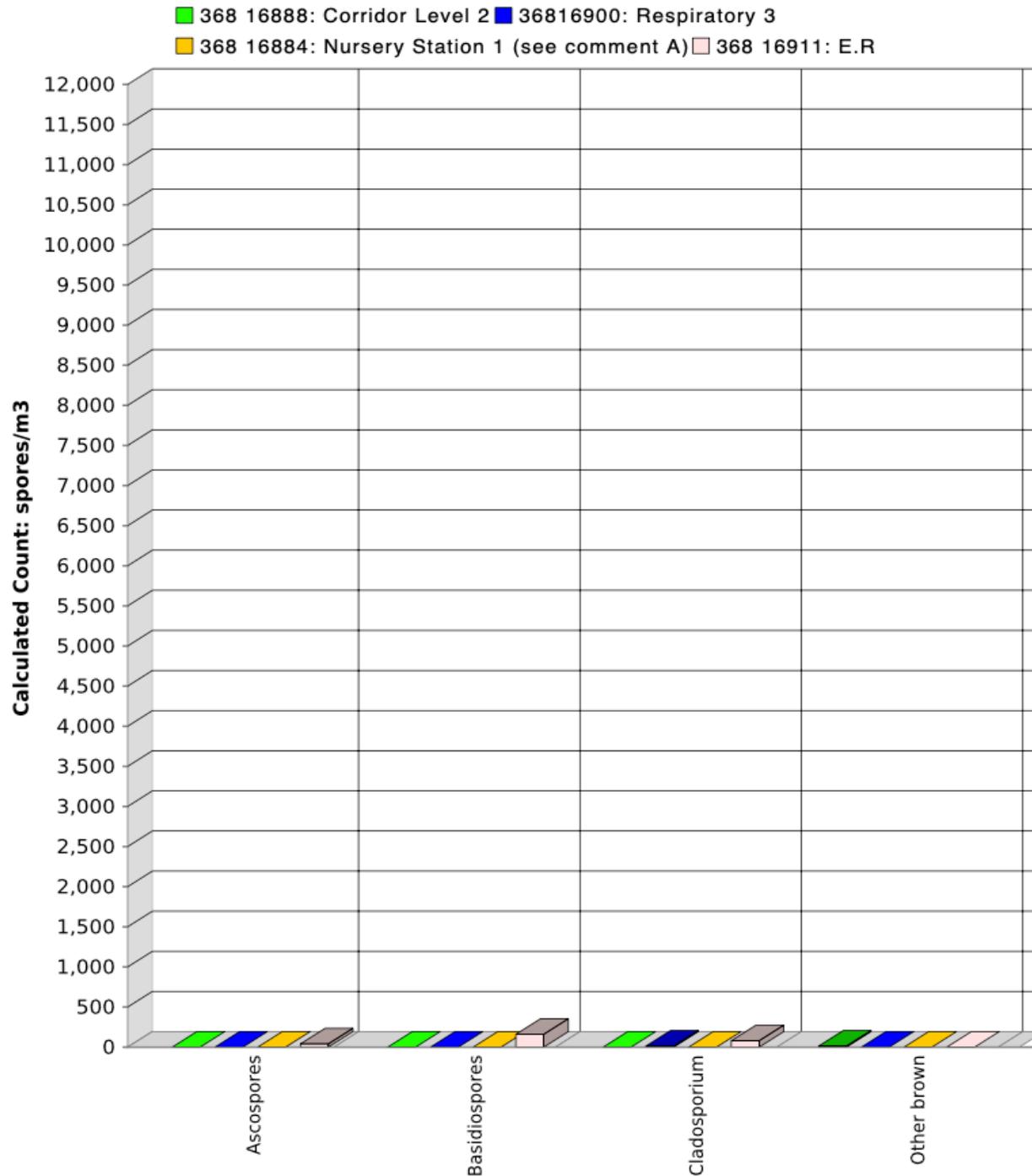
**Comments:** A) No spores detected.

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

■ 368 16889: Outdoor 
 ■ 368 16893: Engineering 
 ■ 368 16898: Wound Care 
 ■ 368 16886: Lobby 
 ■ 368 16929: Pre Admission Test



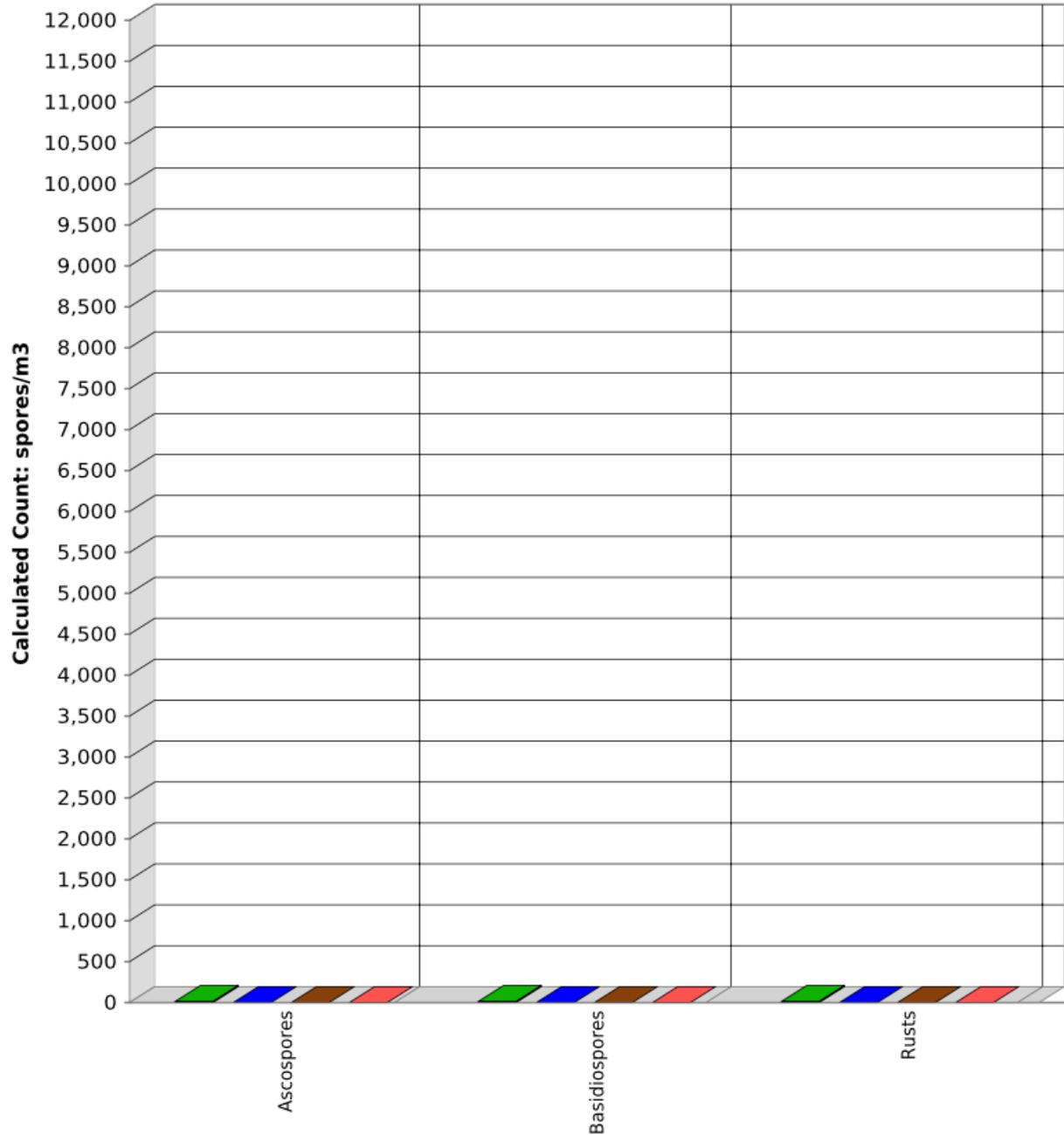
### SPORE TRAP REPORT: NON-VIABLE METHODOLOGY



Comments: A) No spores detected.

### SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

■ 368 16887: Room #337 ■ 368 16902: Employee Well (see comment A)  
■ 368 16927: Corridor Lev 3 (see comment A) ■ 368 16892: Admin Conference (see comment A)



Comments: A) No spores detected.

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