

MicroTest[®] Laboratories, Inc.
AIHA EMPAT #160934
Environmental Biological Testing
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October 3, 2007

State of California- Building and Property Management
707 3rd Street
West Sacramento, CA 95606

Re: 450 N Street
Sacramento, CA

Dear Sirs,

Please find following the results of the sampling obtained at 450 N Street on 10/02/07. The areas sampled were chosen, by you, for Zefon "Viable/Non-Viable" air sampling analyses. No *Stachybotrys chartarum* was observed. The concentration and distribution of the recovered populations fall within the expected normal range in the areas analyzed.

For your convenience, the following is an interpretative guideline provided for your use.

Interpretive Guidelines:

Normal Spore Levels: Indoor spore levels usually average 30% to 80% of the outdoor spore levels at the time of sampling, with the approximate same distribution of spore types. Filtered air, air-conditioned air or air that is not in the proximity of outdoor sources may drop to 5% to 15% of the outdoor spore levels at the time of sampling. As these are general guidelines, a major factor is the accessibility of outdoor air. A residence with heavy foot traffic, open door and windows, etc., may average 95% of the outdoor levels. An office building with limited air exchange may average as low as 2% of the outdoor levels. Dusty interiors may exceed 100% of the outdoor spore levels but will mirror the outdoor distribution of spore types.

Problem Interiors: A substantial increase of one or two spore types, which are inconsistent and not reflective of the outside, spore distribution. This is usually indicative of mold growth.

**Suggested Guidelines for Mold Spore and Skin Cell Fragment Concentrations
Residential Buildings (Counts/Cubic Meter) m³**

Suggested Guideline	Total	<i>Penicillium/Aspergillus</i>	Ascospores/ Basidiospores	<i>Cladosporium</i>	Zygomycetes	Skin Cell Fragments
"Average" Clean Residence	<1,800	<600	<200	<100	<100	<9,000
"Clean" Residence (Maximum)	<3,000	<1,400	*<900	*<800	<600	<16,000
Indoor Contamination Present	***>8,000	>4,000	*>1,500	*>600	>700	>20,000
Indoor Amplification May Be Occurring	*>12,000	>8,000	*>1,500	*>1350	>1,000	**>30,000

Reference: *Airborne Mold Spore Concentrations in Commercial & Residential Buildings*, Daniel M. Baxter, Environmental Testing Associates, San Diego, CA., 1995.

* May depend on outside spore concentration for each species

** Based on mean plus standard deviation of contaminated residences indicating inadequate housekeeping

*** Based on median of contaminated residences

Summary of Mold Spore Species Distribution

Building Type	<i>Penicillium/Aspergillus</i>	Ascospores/ Basidiospores	<i>Cladosporium</i>	Zygomycetes	Skin Cell Fragments
"Clean" Commercial Buildings	37%	24%	11%	5%	23%
"Contaminated" Commercial Buildings	66%	6%	4%	10%	14%
"Clean" Residential Buildings	39%	18%	21%	<1%	22%
"Contaminated" Residential Buildings	20%	76%	1%	1%	2%
"Contaminated Buildings Sampled During Drywall Demolition	92%	<1%	<1%	5%	3%

Reference: *Airborne Mold Spore Concentrations in Commercial & Residential Buildings*, Daniel M. Baxter, Environmental Testing Associates, San Diego, CA., 1995.

Thank you for allowing *MicroTest™* Laboratories, Inc. to provide the microbiological services you required.

Sincerely,

Rebecca Hutty
President
MicroTest™ Laboratories, Inc.

RH/amc

MicroTest™ Laboratories, Inc.

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Client Name:	State Of California-Building and Property Management 707 3rd Street, Suite 5000 West Sacramento, CA 95605	Contact Name:	Lance Lister
Project:	450 N Street Sacramento, CA	Sampler:	Lance Lister
		Sample Date:	10/2/07
		Receipt Date:	10/3/07
		Report Date:	10/3/07
		Accession No:	727611-727617
		Instrument Used:	Zefon

Non-Viable Bioaerosol Analysis

Client Project Identification	12251126 Outside			13266862 Rm. 322, West Side Cube 50			13266904 Rm. 1104 Pillar L-22			13266898 Rm 2102 Btwn Pillars K- 21 & K-22, Cube 042		
	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area
Alternaria	3	40	1%				1	13	8%			
Arthrinium												
Ascospores	78	1040	21%	2	27	14%	3	40	23%	1	13	13%
Aureobasidium												
Basidiospores	15	200	4%				2	27	15%			
Botrytis												
Chaetomium	2	27	1%									
Cladosporium	198	2639	54%	3	40	21%				1	13	13%
Curvularia												
Drechslera/Bipolaris Group	1	13	0.3%									
Epicoccum												
Nigrospora	1	13	0.3%									
Penicillium/Aspergillus*	60	800	16%	9	120	64%	7	93	54%	6	80	75%
Pollen	9	120	2%									
Rusts												
Pithomyces												
Smuts/Peric/Myxomycetes	1	13	0.3%									
Stachybotrys												
Stemphylium	1	13	0.3%									
Torula	1	13	0.3%									
Ulocladium												
Total Spores (Cts/m³):	370	4,932		14	187		13	173		8	107	
Sample Volume (Liters)	75			75			75			75		
Sample Time Minutes:	5			5			5			5		
Background Debris**	Moderate			Moderate			Few			Few		

*The spores of *Penicillium/Aspergillus* cannot be differentiated by non-viable sampling methods.

**Fibers, skin fragments and dust are indicated by few, moderate, many, and abundant.

Comments:

Technologist: Rebecca Huty, *MicroTest Labs™, Inc.*

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		Accession No:	727611-727617
		Instrument Used:	Zefon

Non-Viable Bioaerosol Analysis

Client Project Identification	12251126 Outside			13266870 Office 2415			13270880 Rm. 1902 Pillar L-18			13270873 Rm.. 2232 Btwn Pillars N-18 & N-19		
	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area	raw ct.	Cts/m ³	% Area
Alternaria	3	40	1%									
Arthrinium												
Ascospores	78	1040	21%	2	27	17%	2	27	7%	4	53	22%
Aureobasidium												
Basidiospores	15	200	4%				2	27	7%			
Botrytis												
Chaetomium	2	27	1%									
Cladosporium	198	2639	54%	4	53	33%	11	147	41%	1	13	6%
Curvularia												
Drechslera/Bipolaris Group	1	13	0.3%									
Epicoccum												
Nigrospora	1	13	0.3%									
Penicillium/Aspergillus*	60	800	16%	6	80	50%	12	160	44%	13	173	72%
Pollen	9	120	2%									
Rusts												
Pithomyces												
Smuts/Peric/Myxomycetes	1	13	0.3%									
Stachybotrys												
Stemphylium	1	13	0.3%									
Torula	1	13	0.3%									
Ulocladium												
Total Spores (Cts/m³):	370	4,932		12	160		27	360		18	240	
Sample Volume (Liters)	75			75			75			75		
Sample Time Minutes:	5			5			5			5		
Background Debris**	Moderate			Few			Moderate			Moderate		

*The spores of *Penicillium/Aspergillus* cannot be differentiated by non-viable sampling methods.

**Fibers, skin fragments and dust are indicated by few, moderate, many, and abundant.

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