



Laboratories™
Analysis by EHS Laboratories, LLC

7469 Whitepine Road
Richmond, VA 23237
Toll Free: 800.604.1995 Fax: 804.275.4907

Test Address:
123 My Testing Address

My Company Name
My Address
My City, My State, My ZipCode

MoldSmart™ Analysis Report

2051 WIPE, Direct Microscopic Exam

Report Number: 08999900099A
Received Date / Time: 12/02/2008 09:39 AM
Reported Date / Time: 12/02/2008 12:48 PM

Shipping #: 1Z6R272X2219999999

Analysis By Environmental Hazard Services, LLC

Laura S. Carson, QA/QC

Account Number: 199999
Fax Number: 999/999-9999 FAX

Your Results

Lab #: 08999900099-0003
Cust. Sample ID: 003
Date Collected: 12/01/2008

Sample Condition Upon Receipt: Acceptable
Collection Location: KITCHEN SINK BS

Test Result:

Few to moderate Penicillium/Aspergillus group spores seen
Few basidiospores seen
Moderate Stachybotrys spores, conidiophores and hyphal elements seen
Occasional Pithomyces spores seen
Occasional Aureobasidium spores and hyphal elements seen
Few pollen grains* seen
Few yeast cells* and pseudohyphae seen

Date Analyzed: 12/02/2008

Analyst ID: 6022

Notes: NA

Quantification Key:
Numerous - Several spores seen in every field.
Moderate - At least 1 spore seen in 5 fields.
Few - Over 5 spores seen per cover slip, but less than 1 spore seen in 5 fields.
Occasional - 1-5 spores seen per a cover slip.

Analytical results and reports are generated by Environmental Hazards Services, LLC at the request of and for the exclusive use of the person or entity (client) named on this report. Results, reports or copies of same will not be released by Environmental Hazards Services, LLC to any third party without the prior express written consent from the client named in this report. This report applies only to those samples taken at the time, place and location referenced by the client. This report makes no express or implied warranty or guarantee as to the sampling methodology used by the individual performing the sampling. The client is solely responsible for the use and interpretation of these test results and Environmental Hazards Services, LLC makes no express or implied warranties as to such use or interpretation. Environmental Hazards Services, LLC is not able to make and does not make a determination as to the environmental soundness, safety or health of a property from only the samples sent to their laboratory for analysis. Unless otherwise specified by the client, Environmental Hazards Services, LLC reserves the right to dispose of all samples after the testing of such samples is sufficiently completed or after a five day period, whichever is greater.

*Names above may not be mold spores.

MoldSmart™ Analysis Surface Report Summary

Project: 123 My Testing Address
Client: 199999
Lab Number: 08999900099

This summary is based on the results obtained by Environmental Hazards Services for the samples taken at 2034 N Kensington Way Hanford CA 93230. For details such as mold type and spore counts, please see Report # 08120200007. Environmental Hazards Services is a laboratory only, and this summary in no way constitutes a remediation plan. The test(s) performed is/are designed to give a "picture-in-time" result and conditions in the property may change in the future. If the testing was performed as a result of the property currently experiencing a water infiltration or moisture problem, the source of the problem should be corrected immediately.

Sample Number/Location	Sample Type	Unusual Mold Condition(s) Exist
0003/KITCHEN SINK BS	Mold-Swab	Yes

Unusual Mold Condition(s) Explanation

Yes: One or more of the samples in the table above indicate the presence of indoor mold spores or colonies for these specific locations only. The Environmental Protection Agency (EPA) recommends that any indoor mold growth be addressed and that all water or moisture sources be eliminated.

For area of mold growth less than 10 square feet, mold can be cleaned or removed by following the protocols listed in the EPA publication: "A Brief Guide to Mold, Moisture and Your Home" (a link to this publication can be found on Environmental Hazards Services' web site at www.btslabs.com). For mold in the Heating/Air Conditioning System (HVAC), contact your HVAC professional following the recommendations in the EPA guide.

For areas of mold growth over 10 square feet or if the mold identified is recognized as toxigenic or pathogenic, professional advice is recommended. The information in your report and this summary may be used by an Industrial Hygienist or an Indoor Air Quality professional to assist in the determination of necessary actions.

The recommendations found in this summary are based on accepted industry standards developed by the American Conference of Governmental Industrial Hygienists (ACGIH), the EPA, and the New York City Department of Health.¹

For further information, please visit our website at www.btslabs.com.

¹Reference material includes the ACGIH publication: "Bioaerosols: Assessment and Control", the EPA publication: "Mold Remediation in Schools and Commercial Buildings", and the New York City Department of Health publication: "Guidelines on Assessment and Remediation of Fungi in Indoor Environments".

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Project: 123 My Testing Address
Client: 199999
Lab Number: 08999900099

Section 2: The following fungal descriptions are pertinent to the samples collected. General characterization of mold is made with respect to their most common impact to human health. Many genus of molds have species with varying characteristics.

Spore Name	Description
Aureobasidium spores and hyphal elements	Reported to be allergenic. Commonly found in high moisture areas such as bathrooms and kitchens. Rarely associated with skin disorders.
Penicillium/Aspergillus group spores	Reported to be allergenic. Many species have been documented to produce mycotoxins, which may be associated with pulmonary disease in humans and other animals. Research studies have implicated several of these toxins as carcinogens in laboratory animals following inhalation. A wide number of organisms have been grouped into these two genera. Extremely difficult to identify down to species level. Typically identified in soil, cellulose, food, paint, compost piles, carpeting, wallpaper and in the fiberglass insulation used in interior ductwork.
Pithomyces spores	Reported to be allergenic. Some species may, in rare instances, produce the toxin sporidesmin.
Stachybotrys spores, conidiophores and hyphal elements	Toxigenic. Also recognized as an allergen. Typically a fungus of dark green/black coloration, it grows readily on building materials with a high cellulose content but low in nitrogen, and is rarely observed in outdoor samples. Certain strains of Stachybotrys may produce the mycotoxin, trichothecene under appropriate conditions which has been documented to cause problems associated with the circulatory, alimentary, skin and nervous systems. Absorption of trichothecene into the tissues of the human lung may cause a condition known as pneumomycosis. Although there have been conflicting studies concerning the toxicity of this fungi, it still appears that extreme caution should be practiced when dealing with this mold.

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Test Address:
123 My Testing Address

Client:
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My City, My State, My ZipCode

Account Number: 199999 Fax Number: 999/999-9999 FAX

MoldSmart™ Analysis Report

NON-VIABLE Spore Trap

Report Number: 08999900099B
Received Date / Time: 12/02/2008 09:39 AM
Reported Date / Time: 12/02/2008 12:48 PM

Shipping #: 1Z6R272X2219999999

Analysis By Environmental Hazard Services, LLC

Laura S. Carson, QA/QC

Your Results

Lab #:	08999900099-0002	08999900099-0001
Client Sample ID:	002	001
Date Collected:	12/01/2008	12/01/2008
Collection Location:	KITCHEN	OUTSIDE
Sampling Media:	AOC	AOC
Volume (L):	150	150
Analytical Sensitivity:	6.7 (Spores/m ³)	6.7 (Spores/m ³)

SPORE IDENTIFICATION	Raw Count	RESULTS (Spores/m ³)	Raw Count	RESULTS (Spores/m ³)
Cladosporium spores	132	880	174	1200
Penicillium/Aspergillus group			8	53
Alternaria spores	24	160		
Drechslera/Bipolaris group	1	6.7		
Curvularia spores	1	6.7		
Torula spores	2	13		
Ulocladium spores	6	40		
smuts, Periconia, myxomycetes	26	156	1	6.7

TOTAL SPORES (Spores/m³): 1300 1200

Date Analyzed: 12/02/2008 **Date Analyzed:** 12/02/2008
Analyst ID: 6043 **Analyst ID:** 6043

Notes (Sample # 0002): NA
Notes (Sample # 0001): NA

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*Names above may not be mold spores.



MoldSmart™ Analysis Air Report Summary

Project: 123 My Testing Address
Client: 199999
Lab Number: 08999900099

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Sample Number/Location	Sample Type	Unusual Mold Condition(s) Exist
0002/KITCHEN	Mold-Air	No

Unusual Mold Condition(s) Explanation

No: The samples in the table above do not indicate the presence of elevated indoor mold spores or colonies for these specific locations only.

The recommendations found in this summary are based on accepted industry standards developed by the American Conference of Governmental Industrial Hygienists (ACGIH), the EPA, and the New York City Department of Health.¹

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¹Reference material includes the ACGIH publication: "Bioaerosols: Assessment and Control", the EPA publication: "Mold Remediation in Schools and Commercial Buildings", and the New York City Department of Health publication: "Guidelines on Assessment and Remediation of Fungi in Indoor Environments".

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Project: 123 My Testing Address
Client: 199999
Lab Number: 08999900099

Section 2: The following fungal descriptions are pertinent to the indoor samples collected. General characterization of mold is made with respect to their most common impact to human health. Many genus of molds have species with varying characteristics.

Spore Name	Description
Alternaria spores	Reported to be allergenic. Commonly found growing in carpets and on indoor textiles. This fungi has been indicated as a potential cause of hypersensitivity pneumonitis. Rare species known to produce tenuazonic acid and other toxic metabolites that may cause disease in humans.
Cladosporium spores	Reported to be allergenic. Most commonly identified spore in outdoor samples. Highly seasonal. Indoor species may differ from outdoor species. Typically found inside supply ducts.
Curvularia spores	Reported to be allergenic. No additional health data for this genus is available at this time.
Drechslera/Bipolaris group spores	Toxigenic. Also recognized as an allergen. Under certain conditions, this fungi has been documented to produce the mycotoxin, sterigmatocystin. Studies have indicated that this toxin may cause damage to the liver and kidneys in laboratory animals.
Torula spores	Toxigenic. Also recognized as an allergen. Studies have shown that certain species may produce a toxin in the laboratory.
Ulocladium spores	Reported to be allergenic. Widespread. Requires wet conditions for growth. Cross-reacts with Alternaria increasing the allergenic effects on Alternaria sensitive individuals.

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