

CLIENT INFORMATION
Jane Doe
222 South Main Street
Anywhere, California 77700
Project No.: Lab Tech

PROJECT INFORMATION
Jane Doe
222 South Main Street
Anywhere, California 77700

Direct Exam Chain of Custody



This test report contains the following four sections: Chain of Custody, Data Detail, Frequently Asked Questions, and Glossary.

CONTACT & PAYMENT INFORMATION:		SAMPLE LOCATION LOG:		Wet	Dry	Soil
				Analysis	Analysis	Analysis
Name:	ALP Tech	Location #1:	11.11.11.11.11.11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Address:	222 South Main Street	Location #2:	222 South Main Street	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
City:	Anywhere, CA	Location #3:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
State:	CA	Location #4:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phone:	777-777-7777	Location #5:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do You Want to Receive Text Message Updates?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Location #6:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Website:	www.alptech.com	Location #7:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Billable Type:		Location #8:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
# of Mold Samples:	2 @ \$12.00 per Sample = \$24.00	Location #9:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
# of Expedited Profiles:	0 @ \$25.00 per Sample = \$0.00	Location #10:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
# of Bulk Analysis:	0 @ \$50.00 per Sample = \$0.00	Location #11:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
# Check, make per Month/Year:	TOTAL: \$24.00	Location #12:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Credit Card #:	1234 5678 9010 1111	Location #13:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Exp Month/Year:	1/16 Billing Cpy.	Location #14:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Results apply only to samples tested. Results may not be reported or reproduced except in full without prior written approval of Moldlab. All samples were received in acceptable condition unless noted in the Tech Notes section. Field blank correction of results is not applied. Moldlab assumes no responsibility for sample collection or handling prior to receipt at the laboratory. This report does not express or imply interpretation of the results contained herein. LAB0137 by the Texas Dept. of State Health Services AIHA EMPAT ID No. 154782

Approved by:

Rev. 0

Kristina Rucker
Lab Director



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Test Code 3 Data Detail

Test code 3: Direct Exam (non-viable) -fungal limited
Analysis Method: Internal SOP M-3



This report contains four sections; a Chain of Custody section, a Data Details section, a Frequently Asked Questions section, and a Glossary section.

Sample No: 1
Location: Kitchen Wall

Analysis Date: 11/9/2016

Identification

Rating

Cladosporium

Minor

Hyphal Fragments

Moderate

Stachybotrys

Heavy

Sample No: 2
Location: Bathroom Wall

Analysis Date: 11/9/2016

Identification

Rating

No mold detected

No Mold
Detected

Tech Notes:

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Submitted By: Jane Doe | via: U.S. Mail | Submittal Date: 11/9/2016 9:21:18 AM | Sample Date: | Report Date: 11/9/2016 | Lab Job No.: 16-8882 | Technician: Kristina Rucker

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LAB0137 by the Texas Dept. of State Health Services AIHA EMPAT ID No. 154782

Rev. 0



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Direct Exam Frequently Asked Questions



This report contains the following four sections: Chain of Custody, Data Detail, Frequently Asked Questions, and Glossary.

What does the rating system mean?

'No mold detected' = the substance on the sample you submitted **did not** contain a detectable level of mold.

'Minor' amounts of mold can be found in typical dust samples because mold spores are a **normal** part of our air make up. 'Heavy' amounts tend to come directly from the source of the mold. For example, you saw mold growing on a piece of fruit, you sent in a sample, the lab would report a 'heavy' rating. Conversely, if you had taken a sample of dust that had settled on a tabletop, you may get a report with 'Minor' amounts of several types of mold listed. Keep in mind there are numerous variables involved in interpreting lab results and making conclusions based solely on testing such as surface lifts is generally considered unreliable.

What do I do now?

If you receive a lab report back that lists 'heavy' levels of mold(s) with potentially adverse health effects, we usually recommend that air samples be taken. Of course each situation is different and air samples may not be necessary in all circumstances. Air sampling will tell you if that same mold the lab detected on your surface sample is airborne.

How do I get rid of it?

Most molds are allergens and some may be toxigenic, so if you are going to disturb the mold with cleaning methods, you increase your chances of exposure to the particulate. Mold clean up and disposal methods vary greatly from company to company. A good rule of thumb is that if the contaminated area is small and the material is non porous such as metal, it can be cleaned by traditional methods, taking care to use personal protective equipment. Porous materials on the other hand, such as wood, textiles, or sheetrock are difficult to clean because of the microscopic holes in the material. The root structures of the mold called hyphae/mycelia can grow down into the holes and make it hard to clean effectively. The surface will appear clean but as soon as conditions are favorable the mold can start to grow again.

Is this the Black Mold?

Usually when a customer asks this question he/she is referring to Stachybotrys. Although Stachybotrys is black in color, so are many other types of mold. Do not make the mistake and discount the importance of other types of mold listed on your report because you do not see the word(s) Stachybotrys or Black mold. For more about 'black mold' visit <http://www.moldlab.com/black-mold.html>

Can we still live here?

There are no established 'safe' levels of mold, just as there are no established 'unsafe' levels of mold, and individuals have different resistances to mold.

- Do any of the occupants fall into the susceptible group? This group includes: children, elderly, immunocompromised, and persons with respiratory disorders. Please consult your physician if you suspect you are suffering from mold related illness.
- Is the indoor airborne mold concentration higher than the outdoor concentration?
- How wide spread is the contamination? i.e. is the mold enclosed inside a cabinet, or does it cover the entire wall? When in doubt, contact a professional in your area.

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Direct Exam Glossary



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***Diagnosis of health effects should be left to a medical professional. Moldlab is not a clinical laboratory and does not have medical professionals on staff.

Health effects in general are not well studied, and dosage, exposure, and sensitivity thresholds are not well known and can potentially vary tremendously depending on various conditions and on the particular individual. Effects can also vary from species to species within a particular mold genus.

The EPA, OSHA, NIOSH and other occupational health related associations in the U.S. have not yet established permissible exposure levels (PEL), recommended exposure limits (REL), or other limit values for aeroallergens.

Please realize that the evaluation of one's specific results in terms of potential health hazards and subsequent courses of action are beyond the scope of the laboratory analysis.

Pictures / images are for *illustration* purposes only and are NOT of the samples tested.

Terminology:

Allergen- the most common effect, and can range from hay fever and asthma, to a very particular reaction in certain organs or tissues.

Contaminant- something that is present without injuring or benefiting the host; does not cause infection.

Opportunistic pathogen- Causes infection only when the weak or injured condition of the person gives the agent opportunity to infect; rarely infect persons who are otherwise healthy.

Mold | Definition

Images

Cladosporium (clad-oh-spore-ee-um)

Classification: Common Allergen/ Contaminant

Possible Health Effect: Rarely pathogenic, it is a common agent of hay fever and asthma and other allergy related symptoms.

Macroscopic Morphology: Surface of the mold is greenish brown or can appear black in color with age and have heap or folded appearance.

Environment: Cladosporium can be found in most air samples most of the time. It is very common. Cladosporium is one of the types of mold found growing on HVAC vent covers and grills. It can grow on leaves, textiles, wood, paper, and decaying vegetation.



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Mold | Definition

Images

Hyphal fragments (hy-full)

Classification: N/A

Possible Health Effects: N/A

Macroscopic Morphology: Not a type of mold.

A hyphal fragment is a small piece or portion of 'root'-like structure called hyphae / mycelia. Hyphal fragments are common in air samples. Mold type cannot be identified by the hyphae alone.

Environment: N/A



Stachybotrys (stack-ee-bought-truss)

Classification: Contaminant / saprophyte / allergenic

Possible Health Effect: Some can produce a toxin, reports of itching, and burning sensation of eye, mouth and throat.

Macroscopic Morphology: At first is white and turns black with age.

Environment: Saprophyte, in decaying wood and soil. Found indoors primarily on wet cellulose containing material. It is the "toxic black mold" that has garnered much media attention in recent years. Some species can produce a potent toxin that is lethal to animals, the dose effect on humans is not clear. Stachybotrys is sometimes difficult to detect indoors because many times it will grow unseen on the back side of walls where the paper backing on sheetrock is located. This is potentially when it is of most health concern when it covers entire wall areas and is constantly producing toxins that go undetected. Airocell and direct exam test usually are the proper method of identification because Stachybotrys does not grow or compete well on most culture plate media.

