

MOLD & AIR QUALITY REPORT



PREPARED FOR

432 Maple Ave

ADDRESS

432 Maple Ave
Owensboro, KY 42301

SAMPLE DATE

5/8/2025

SAMPLED BY

Bluegrass Home Inspections LLC
David Johnson
2702310825

SAMPLE RECEIVED

5/9/2025

ANALYSIS DATE

5/9/2025

REPORT DATE

5/9/2025

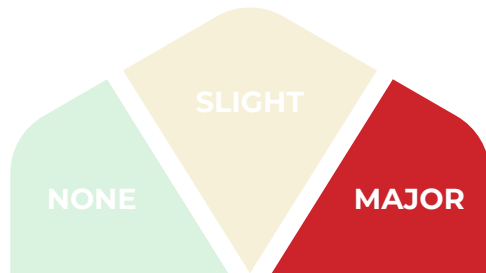
APPROVED BY



Dylan McIntosh
CIH, PAACB Certified Spore Analyst
or other approved signatory
Analysis Method(s): 1-SOP-3537, 1-SOP-3538
Analyzed By: Lauren Silvatti

AIRBORNE TEST RESULTS

BASEMENT



MOLD ELEVATION LEVEL

The types and concentrations of mold found in this sample are highly elevated compared to the levels found in the outdoor control sample.

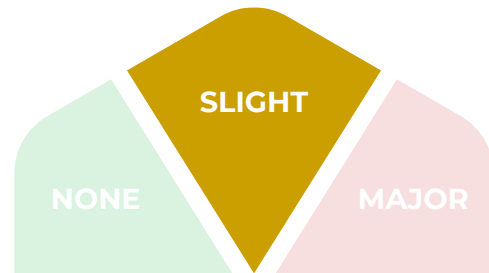
These results are a strong indication that there is a possibility of mold or moisture problems in the home.

RECOMMENDATIONS

Sporecyte strongly recommends hiring a qualified mold professional to do a detailed assessment of the property for mold and moisture issues.

See our [Resources section](#) on our website for more information.

MAIN FLOOR



MOLD ELEVATION LEVEL

The types and concentrations of mold found in this sample are slightly elevated compared to the levels found in the outdoor control sample.

This result indicates that there is a possibility of mold and moisture problems in the home.

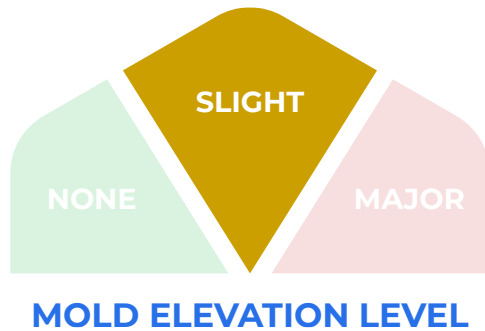
RECOMMENDATIONS

We recommend hiring a qualified mold professional to perform a detailed assessment of the property for potential mold and moisture issues.

See our [Resources section](#) on our website for more information.

AIRBORNE TEST RESULTS

SECOND FLOOR



The types and concentrations of mold found in this sample are slightly elevated compared to the levels found in the outdoor control sample.

This result indicates that there is a possibility of mold and moisture problems in the home.

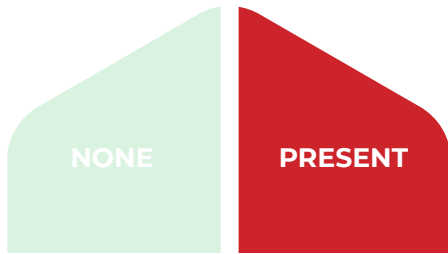
RECOMMENDATIONS

We recommend hiring a qualified mold professional to perform a detailed assessment of the property for potential mold and moisture issues.

See our [Resources section](#) on our website for more information.

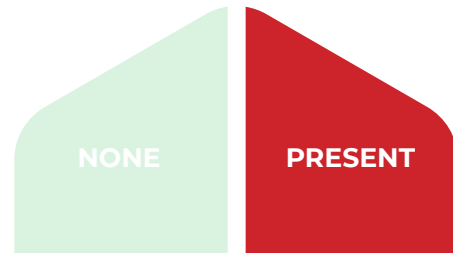
SURFACE TEST RESULTS

NE BASEMENT



MOLD GROWTH

WEST BASEMENT WALL



MOLD GROWTH

This sample has determined that physical mold growth exists on the surface which was sampled.

This sample has determined that physical mold growth exists on the surface which was sampled.

RECOMMENDATIONS

We recommend hiring a qualified mold professional to perform a detailed assesment of the area to determine the scope of the mold and moisture issues.

See our [Resources section](#) on our website for more information.

RECOMMENDATIONS

We recommend hiring a qualified mold professional to perform a detailed assesment of the area to determine the scope of the mold and moisture issues.

See our [Resources section](#) on our website for more information.

Air Samples

Predominantly Indoor - Water Related

Fungal Classifications	Spores Found per m ³		
	Basement	Main Floor	Outdoor Sample
Asp/Pen String	1373	40	0
Chaetomium	27	0	0
Clado-Sphaerospermum	0	0	0
Fusarium	0	0	0
Gliomastix	0	0	0
Scopulariopsis	0	0	0
Stachybotrys	53	0	0
Trichoderma	0	0	0
Ulocladium	0	0	0
Wallemia	0	0	0

Indoor / Outdoor

Fungal Classifications	Spores Found per m ³		
	Basement	Main Floor	Outdoor Sample
Alternaria-like	0	0	13
Aspergillus / Penicillium	16040	733	67
Cladosporium	453	227	747

Predominantly Outdoor

Fungal Classifications	Spores Found per m ³		
	Basement	Main Floor	Outdoor Sample
Arthrinium	0	0	0
Ascospore	40	27	453
Basidiospore	240	53	467
Bipolaris	0	0	0
Botrytis	0	0	40
Cercospora	0	0	0
Chaetoconis	0	0	0
Coelomycete	0	0	0
Curvularia	0	0	0
Epicoccum	0	0	0
Mitospore	0	0	0
Myrothecium	0	0	0
Nigrospora	0	0	0
Oidium	0	0	0
Paecilomyces	0	0	0
Peronospora	0	0	0
Pestilotiopsis	13	0	0
Pithomyces	0	0	0
Polythrincium	0	0	0
Pyricularia	0	0	0
Smut, Periconia, and Myxomycete-like	27	40	27
Spegazzinia	0	0	0
Stemphylium	0	0	0
Torula	0	0	0
Unidentified Spore	0	0	0
Urediniospores	0	0	0
Zygophiala	0	0	0
Total	16893	1080	1813

Particulates

Non-Fungal Particulate	Particles Found per m ³		
	Basement	Main Floor	Outdoor Sample
Hypha	53	53	27
Pollen	0	0	40
Skin Fragment Human	307	267	160
Skin Fragment Animal	107	160	40
Carbon Dust	25947	7000	19853
Soil	3280	1760	827
Starch	80	107	227
Fiber	547	13	0
Total Particulate < 2.5 µm	76253	17080	82880
Total Particulate 2.5 - 10 µm	100920	48627	64787
Total Particulate > 10 µm	12773	11813	7773

Predominantly Indoor - Water Related

Fungal Classifications	Spores Found per m ³	
	Second Floor	Outdoor Sample
Asp/Pen String	27	0
Chaetomium	0	0
Clado-Sphaerospermum	0	0
Fusarium	0	0
Gliomastix	0	0
Scopulariopsis	0	0
Stachybotrys	0	0
Trichoderma	0	0
Ulocladium	0	0
Wallemia	0	0

Indoor / Outdoor

Fungal Classifications	Spores Found per m ³	
	Second Floor	Outdoor Sample
Alternaria-like	0	13
Aspergillus / Penicillium	427	67
Cladosporium	67	747

Predominantly Outdoor

Fungal Classifications	Spores Found per m ³	
	Second Floor	Outdoor Sample
Arthrinium	0	0
Ascospore	13	453
Basidiospore	53	467
Bipolaris	0	0
Botrytis	0	40
Cercospora	0	0
Chaetoconis	0	0
Coelomycete	0	0
Curvularia	13	0
Epicoccum	13	0
Mitospore	0	0
Myrothecium	0	0
Nigrospora	0	0
Oidium	0	0
Paecilomyces	0	0
Peronospora	0	0
Pestilotiopsis	0	0
Pithomyces	0	0
Polythrincium	0	0
Pyricularia	0	0
Smut, Periconia, and Myxomycete-like	27	27
Spegazzinia	0	0
Stemphylium	0	0
Torula	0	0
Unidentified Spore	0	0
Urediniospores	0	0
Zygophiala	0	0
Total	613	1813

Particulates

Non-Fungal Particulate	Particles Found per m ³	
	Second Floor	Outdoor Sample
Hypha	40	27
Pollen	0	40
Skin Fragment Human	987	160
Skin Fragment Animal	253	40
Carbon Dust	5520	19853
Soil	653	827
Starch	213	227
Fiber	0	0
Total Particulate < 2.5 µm	7213	82880
Total Particulate 2.5 - 10 µm	40880	64787
Total Particulate > 10 µm	19067	7773

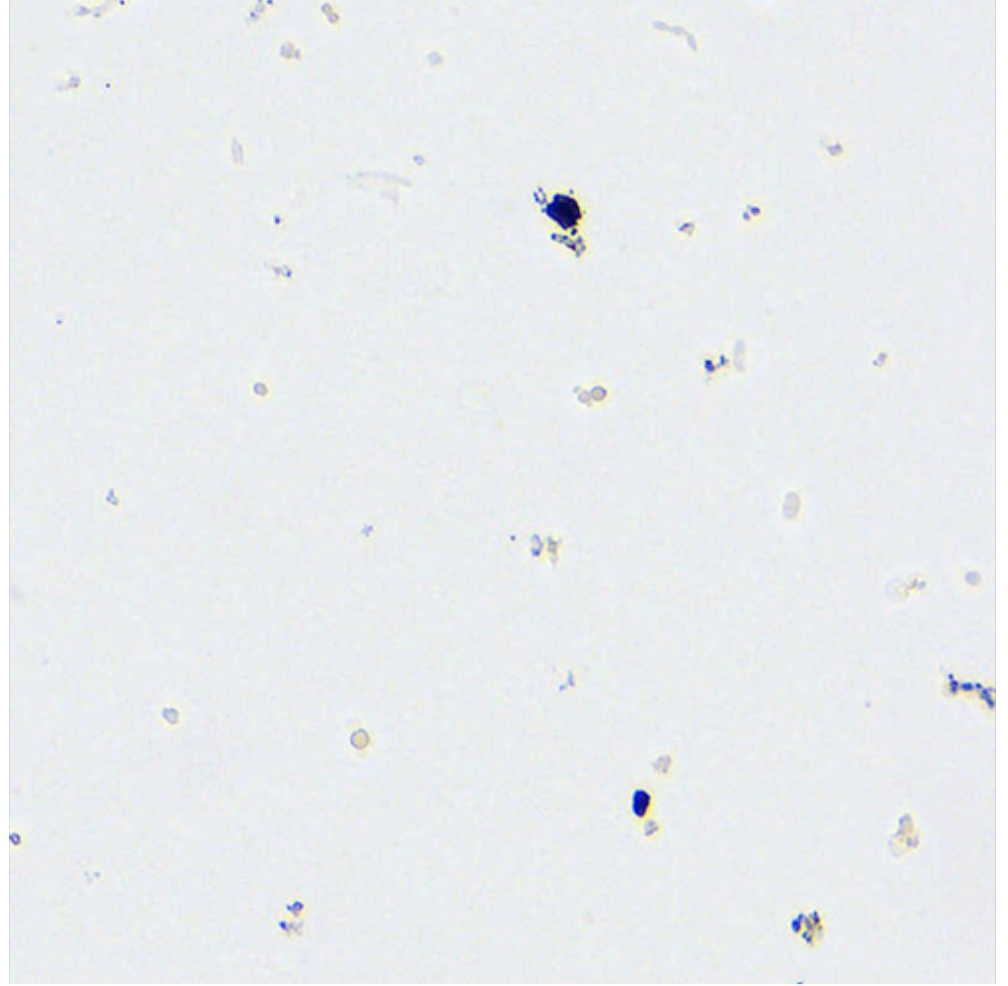
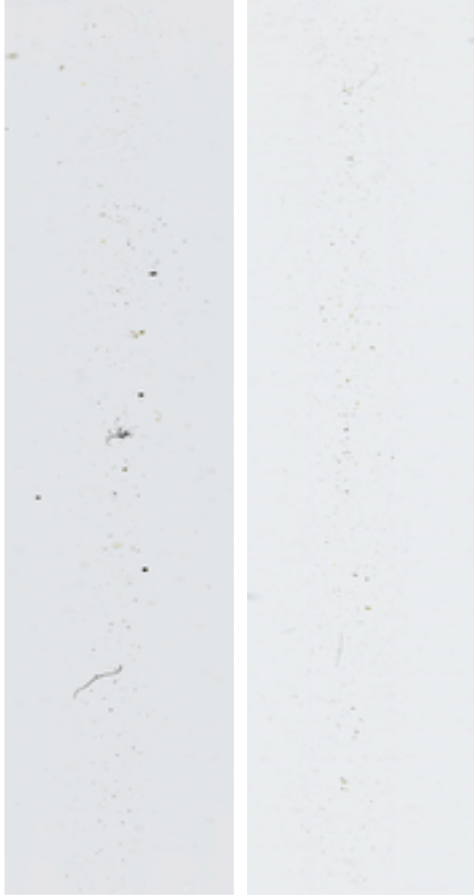
Basement

Trace 4x

30x Zoomed

Outside

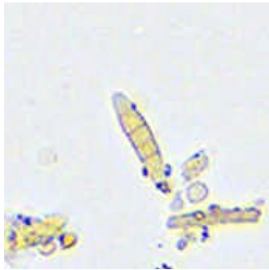
Inside



Notable Objects



Ascospore



Ascospore



Asp/Pen String



Asp/Pen String



Asp/Pen String



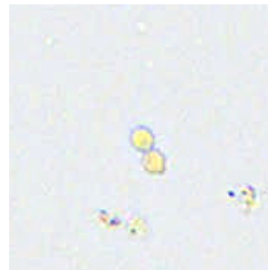
Asp/Pen String



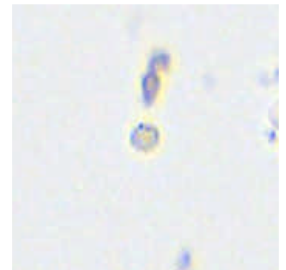
Aspergillus / Penicillium



Aspergillus / Penicillium



Aspergillus / Penicillium



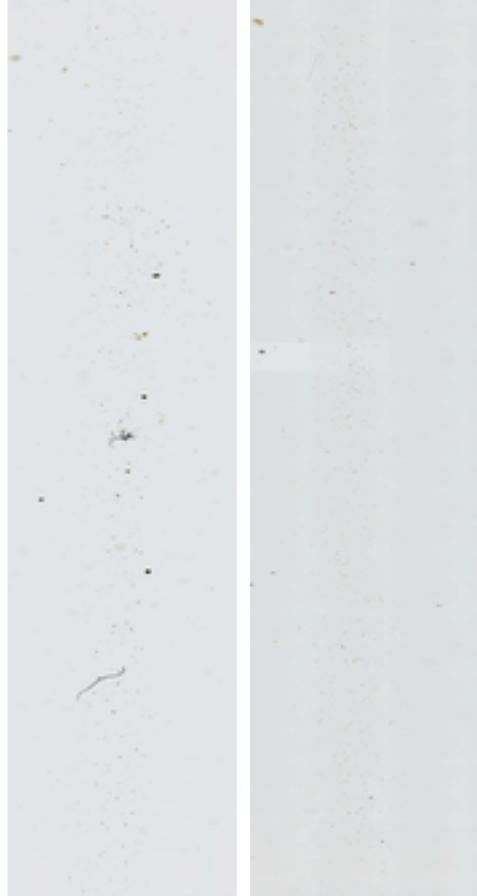
Aspergillus / Penicillium

Main Floor

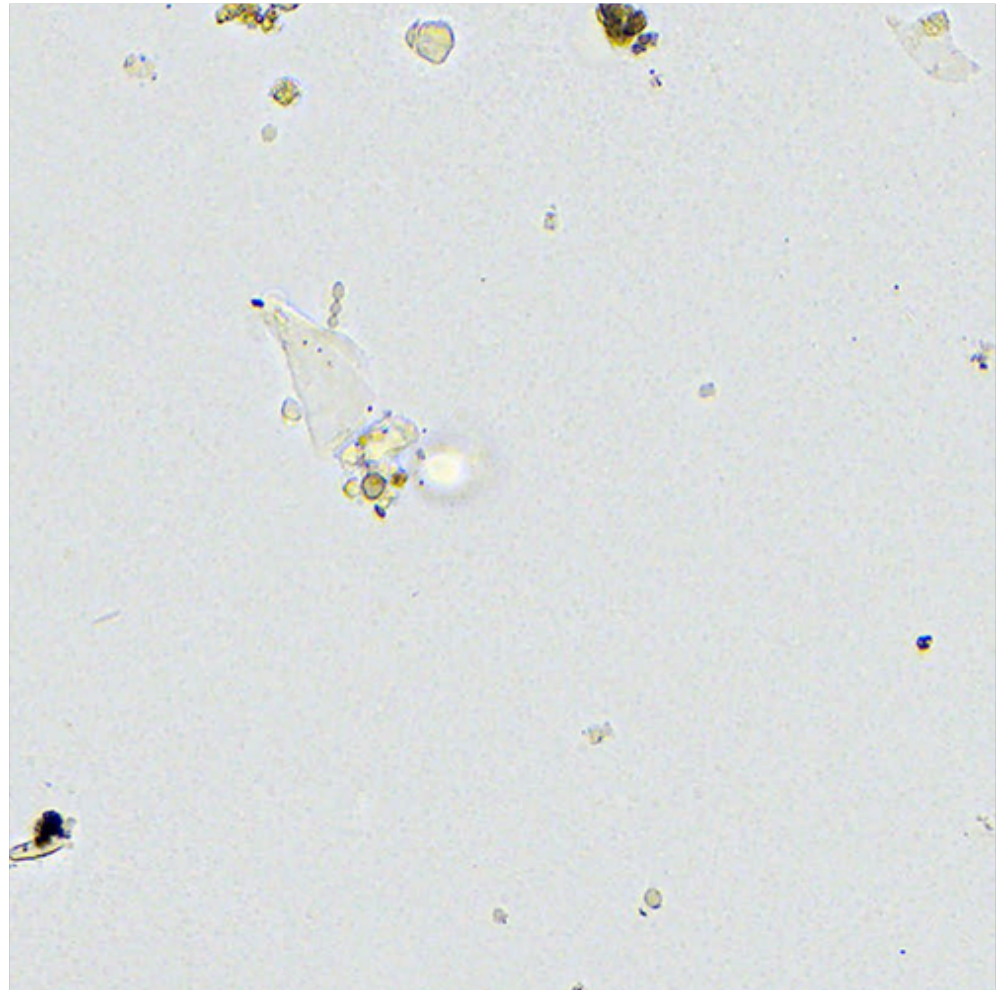
Trace 4x

Outside

Inside



30x Zoomed



Notable Objects



Ascospore



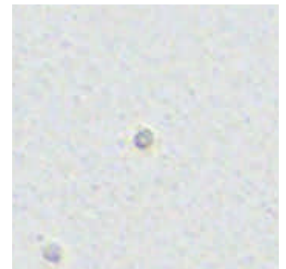
Asp/Pen String



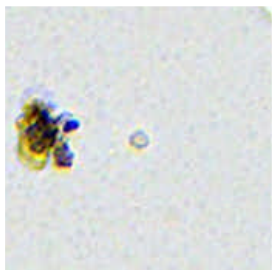
Asp/Pen String



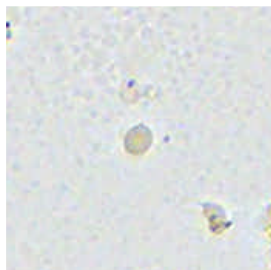
Aspergillus / Penicillium



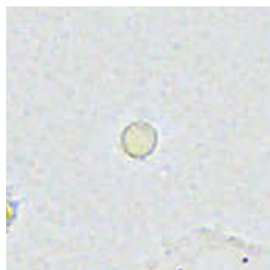
Aspergillus / Penicillium



Aspergillus / Penicillium



Aspergillus / Penicillium



Aspergillus / Penicillium



Basidiospore



Basidiospore

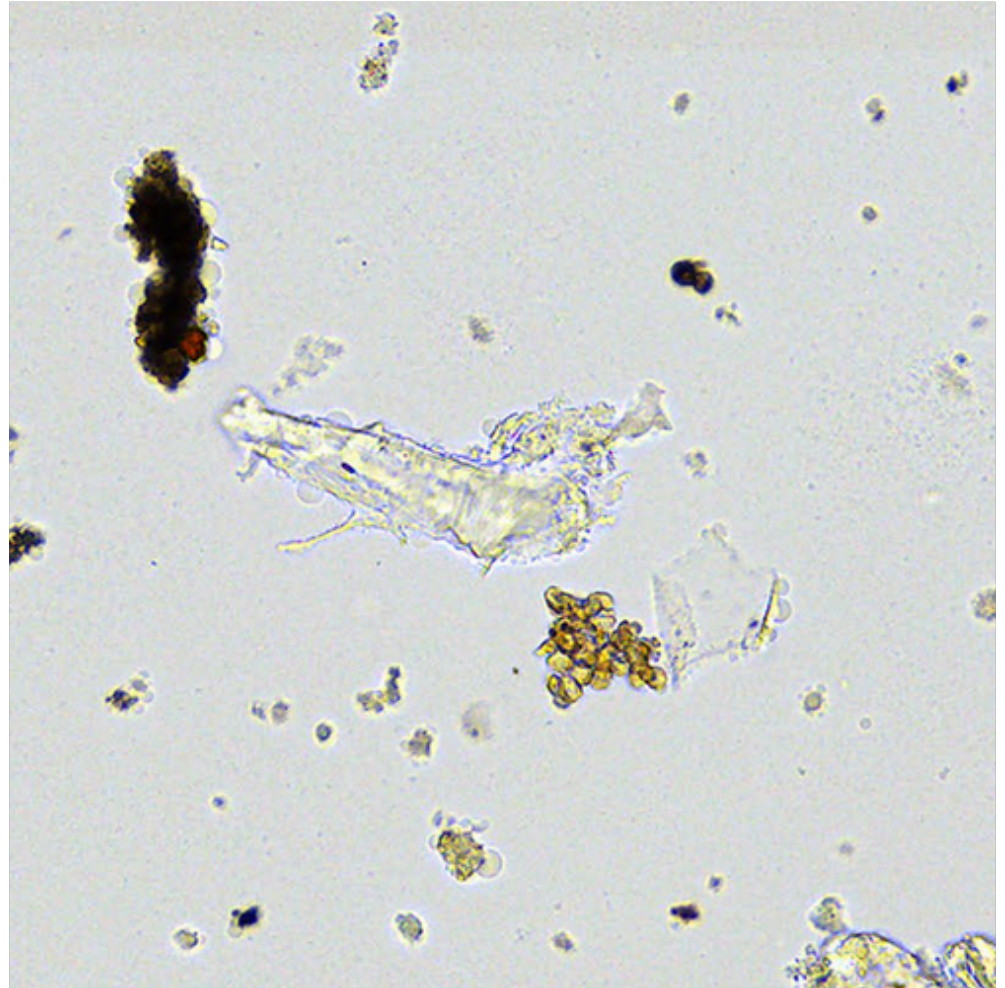
Second Floor

Trace 4x

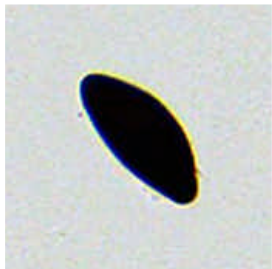
30x Zoomed

Outside

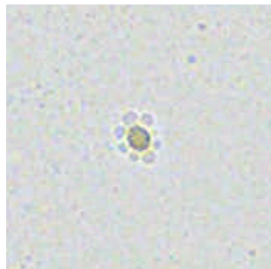
Inside



Notable Objects



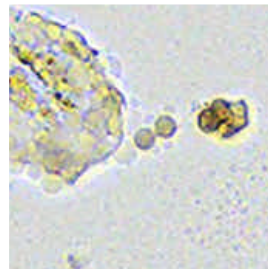
Ascospore



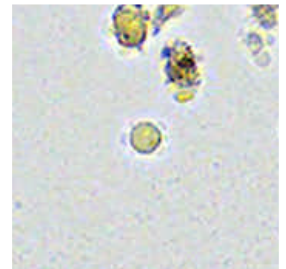
Aspergillus / Penicillium



Aspergillus / Penicillium



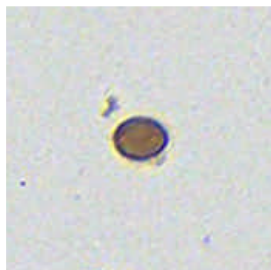
Aspergillus / Penicillium



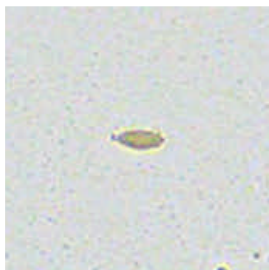
Aspergillus / Penicillium



Basidiospore



Basidiospore



Cladosporium



Cladosporium



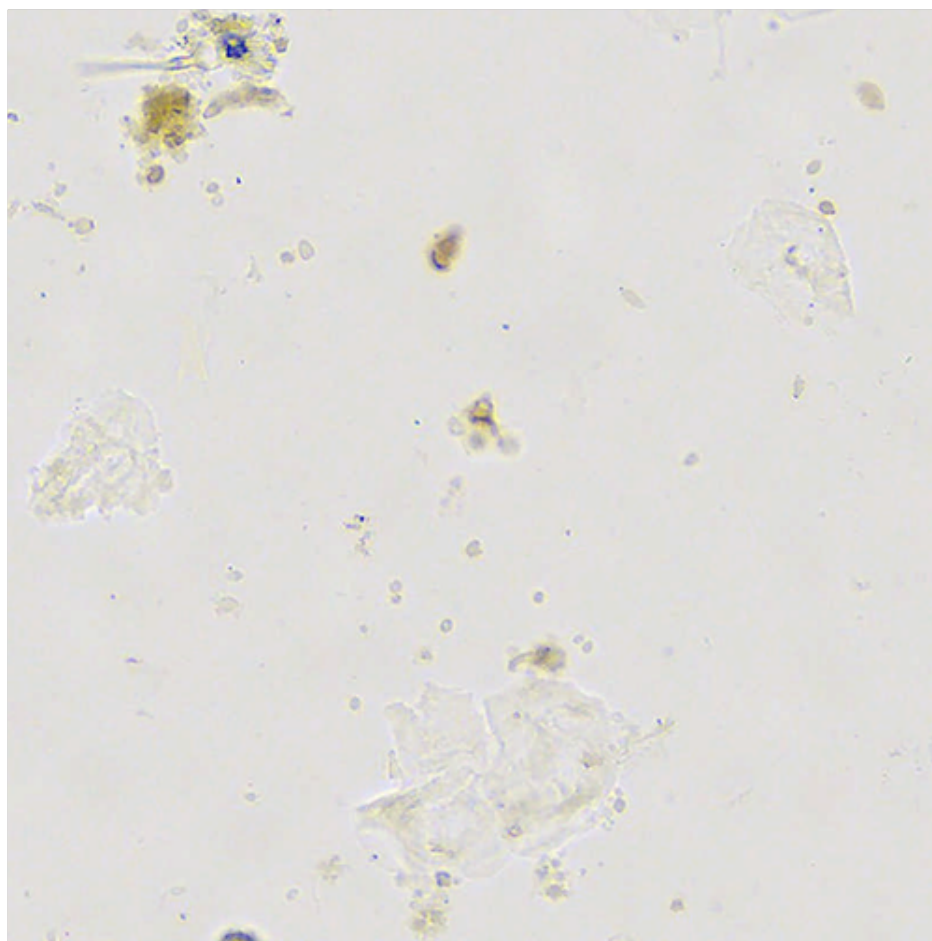
Curvularia

Surface Samples

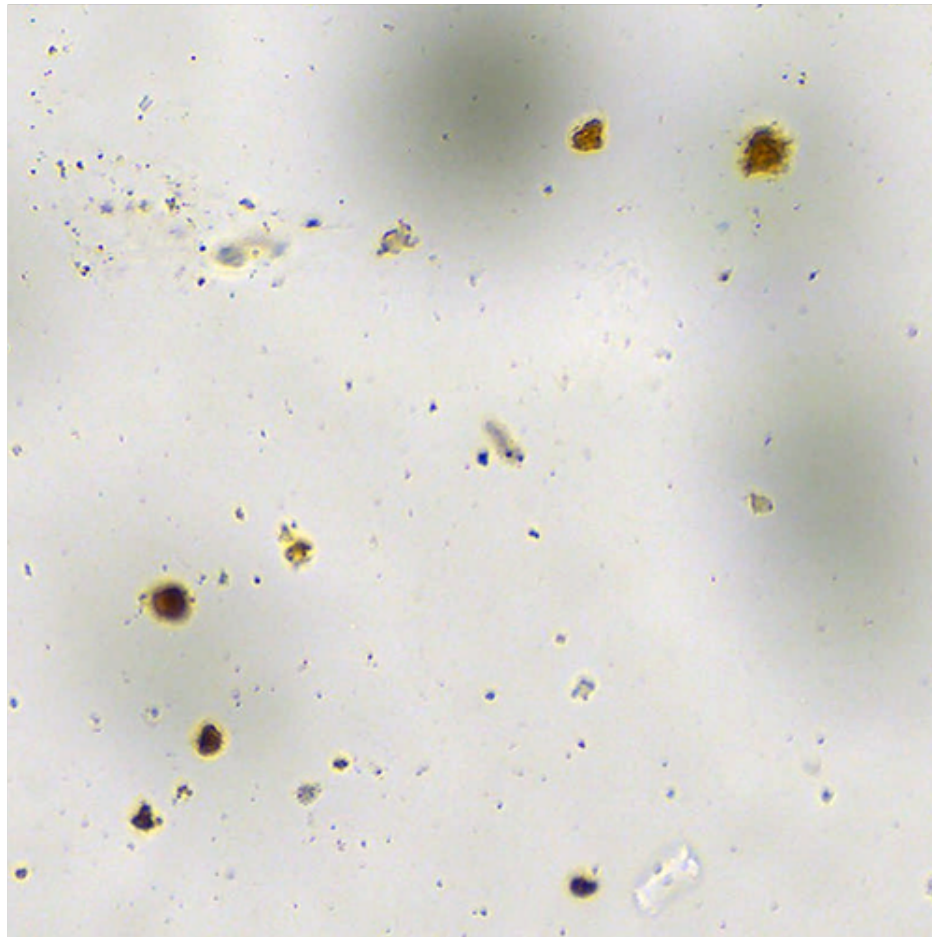
Sample ID: NE Basement

Sample Type: Swab

Fungal Identification	Fungal Growth	Background Spores
Ascospore	—	Present
Aspergillus / Penicillium	Moderate	—
Basidiospore	—	Present
Cladosporium	Heavy	—
Hypha	Light	—



Fungal Identification	Fungal Growth	Background Spores
Aspergillus / Penicillium	Light	—
Basidiospore	—	Present
Cladosporium	Light	—
Hypha	Light	—





The world leader in analyzing environmental samples using cutting edge AI algorithms.

Our deep learning AI works to help specialists classify and count the types of mold spores and particulate matter in the air in your home.

This makes our analyses more consistent and thorough than the current standards in traditional environmental laboratories.

Sporecyte is also able to capture images from the air in your home, allowing you to actually see what is in the air you're breathing!

A FEW THINGS TO KNOW ABOUT MOLD



We spend more time in our homes with our families today than ever before: playing, working, and living our day-to-day lives. Mold and indoor air quality have become critical factors to our home, health, and well-being.



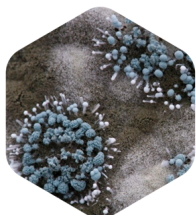
The buildings we live and work in are not completely airtight. Some mold in the outside air enters our homes through doors, windows, heating and cooling systems, and even very small openings we can't see. Don't worry, though; these small amounts of mold are unavoidable and completely normal.



Mold can be found all over our day-to-day environment, both outdoors and indoors. The term "mold" refers to a special group of fungi that grows in filaments and produces reproductive structures called spores.



Mold becomes an issue indoors when spores land on surfaces that enable them to grow. The main factor for mold growth indoors is almost always moisture.



Naturally-occurring mold found outdoors plays a key role in nature, breaking down dead plants, leaves, soil, and much more. Mold is all around us, as natural forces such as rain and wind spread them throughout the outside air.

Most surfaces in our home have adequate nutrients and the correct temperature but lack the required moisture for mold to grow. Without moisture, mold can't grow.

When building materials get damp or humidity goes unchecked for too long, mold growth can begin to develop indoors.

The EPA has not established regulations or standards for airborne or surface mold concentrations. There are also no EPA regulations or standards for evaluating health effects due to airborne mold exposure. For information about mold please go to www.epa.gov/mold.

All samples were received in acceptable condition unless noted in the comments in the report. All results within the report relate only to the samples submitted for analysis. Test Results apply to the samples as received by the laboratory. If information provided by the client may affect the validity of the test report, the information will be noted in the report. This test report relates only to the samples reported herein, and may not be reproduced, except in full, without the written approval of Sporecyte.

Sporecyte / Techcyte ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made or actions or courses of conduct implemented by either the client or the client's customer as a result of or based on the Test Results.

The company shall bear no responsibility for sample collection activities or limitations of the selected analytical methodologies. In no event shall the Company be liable to the client with respect to the Test Results for 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 therefore.



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<https://www.BluegrassHomeInspectionsLLC.com>



MOLD INSPECTION

432 Maple Ave
Owensboro, KY 42301

Mary Bryan Hood Estate Tom Neal Executor

05/08/2025



Inspector

David Johnson

KY#270106 IN#HI02100119 TN#2494

2702310825

bluegrasshomeinspectionsllc@gmail.com

TABLE OF CONTENTS

1: Inspection Details	3
2: Mold	4
Standards of Practice	5

1: INSPECTION DETAILS

Information

Scope of Work

Mold Testing

Temperature

68 Degrees Fahrenheit



Location of Sample

Basement, 2nd Floor, Main Level, Outdoor



2: MOLD

Information

Mold Sampling



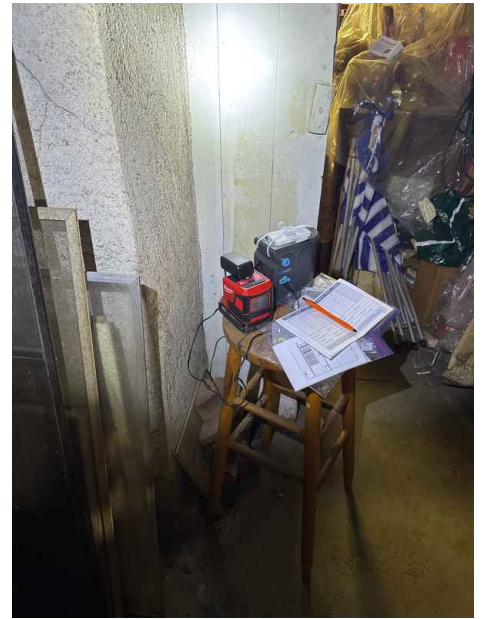
Recommendations

See Lab Report



Summary

Lab Analysis Attached



STANDARDS OF PRACTICE

Inspection Details

Mold