sporecyte

MOLD & AIR QUALITY REPORT



PREPARED FOR

Sample Client

ADDRESS

Chicago, IL

SAMPLE DATE

SAMPLED BY

Attentive Home Inspection LLC
William Cales
7733687835

SAMPLE RECEIVED

ANALYSIS DATE

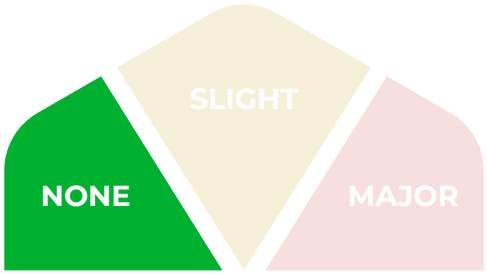
REPORT DATE

APPROVED BY

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

AIRBORNE TEST RESULTS

2ND FL MASTER BATHROOM



MOLD ELEVATION LEVEL

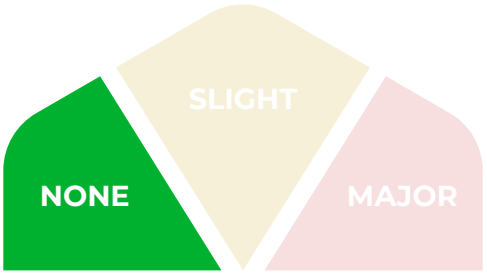
The types and concentrations of mold found in this sample were found to be similar to what was collected in the outdoor control sample.

RECOMMENDATIONS

There is no indication of an airborne mold issue in this area.

See our Resources section on our website for more information.

2ND FL MASTER BATHROOM CAVITY



MOLD ELEVATION LEVEL

The types and concentrations of mold found in this sample were found to be similar to what was collected in the outdoor control sample.

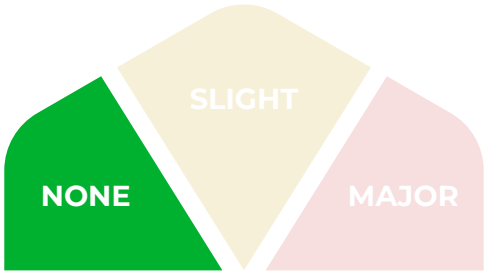
RECOMMENDATIONS

There is no indication of an airborne mold issue in this area.

See our Resources section on our website for more information.

AIRBORNE TEST RESULTS

2ND FL MASTER BEDROOM



MOLD ELEVATION LEVEL

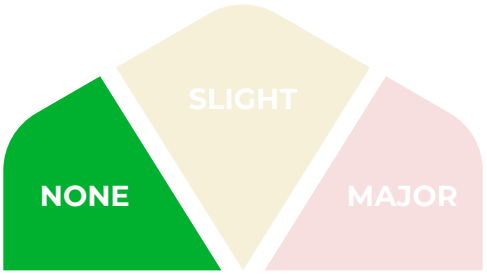
The types and concentrations of mold found in this sample were found to be similar to what was collected in the outdoor control sample.

RECOMMENDATIONS

There is no indication of an airborne mold issue in this area.

See our Resources section on our website for more information.

2ND FL WORKOUT ROOM



MOLD ELEVATION LEVEL

The types and concentrations of mold found in this sample were found to be similar to what was collected in the outdoor control sample.

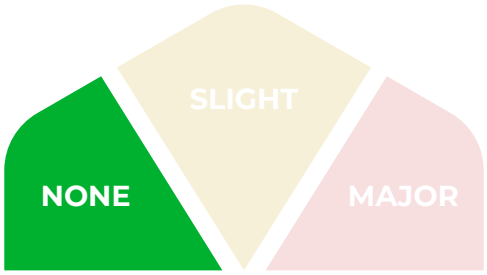
RECOMMENDATIONS

There is no indication of an airborne mold issue in this area.

See our Resources section on our website for more information.

AIRBORNE TEST RESULTS

1ST FLOOR DINING ROOM



MOLD ELEVATION LEVEL

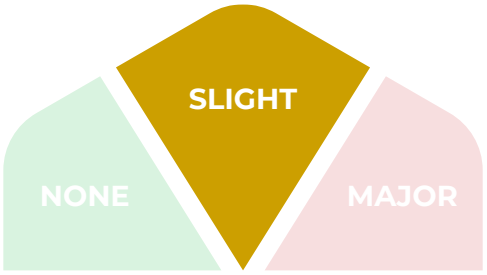
The types and concentrations of mold found in this sample were found to be similar to what was collected in the outdoor control sample.

RECOMMENDATIONS

There is no indication of an airborne mold issue in this area.

See our Resources section on our website for more information.

1ST FL DINING ROOM CAVITY



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

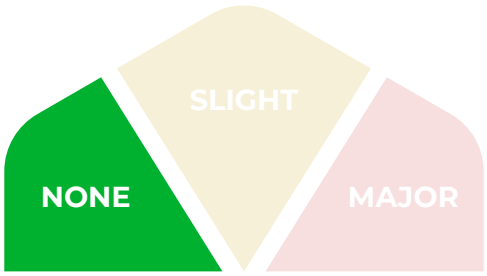
We recommend hiring a qualified mold professional to perform a detailed assessment of the property for potential mold and moisture issues.

See our Resources section on our website for more information.

Particulate trace overloaded, samples results should be considered under-reported.

AIRBORNE TEST RESULTS

1ST FLOOR FOYER



MOLD ELEVATION LEVEL

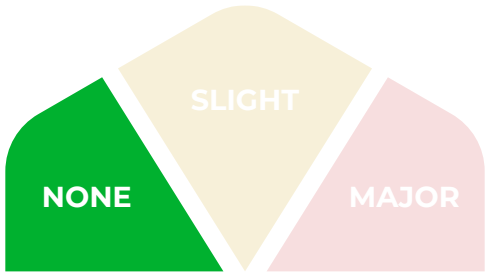
The types and concentrations of mold found in this sample were found to be similar to what was collected in the outdoor control sample.

RECOMMENDATIONS

There is no indication of an airborne mold issue in this area.

See our Resources section on our website for more information.

BASEMENT BEDROOM



MOLD ELEVATION LEVEL

The types and concentrations of mold found in this sample were found to be similar to what was collected in the outdoor control sample.

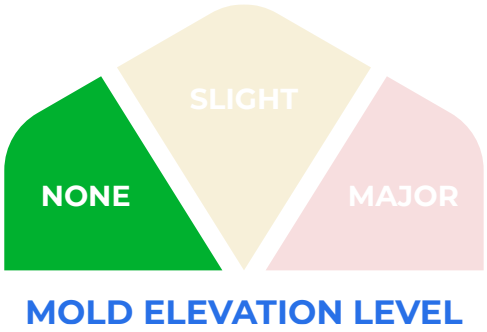
RECOMMENDATIONS

There is no indication of an airborne mold issue in this area.

See our Resources section on our website for more information.

AIRBORNE TEST RESULTS

BASEMENT LIVING ROOM



MOLD ELEVATION LEVEL

The types and concentrations of mold found in this sample were found to be similar to what was collected in the outdoor control sample.

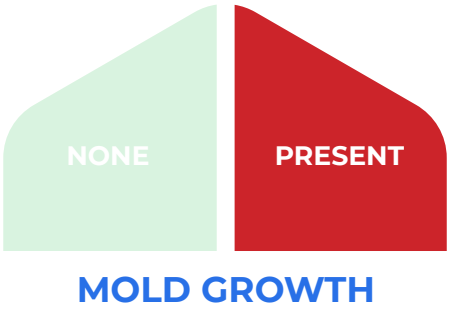
RECOMMENDATIONS

There is no indication of an airborne mold issue in this area.

See our Resources section on our website for more information.

SURFACE TEST RESULTS

2ND FL BEDROOM DOOR



MOLD GROWTH

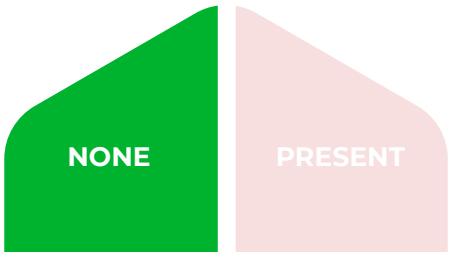
This sample has determined that physical mold growth exists on the surface which was sampled.

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.

DINING ROOM BASE BOARD



MOLD GROWTH

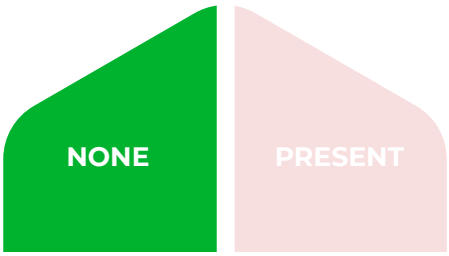
This sample does not indicate physical mold growth exists on the surface which was sampled.

RECOMMENDATIONS

See our Resources section on our website for more information.

SURFACE TEST RESULTS

1ST FL FRONT ENTRY DOOR



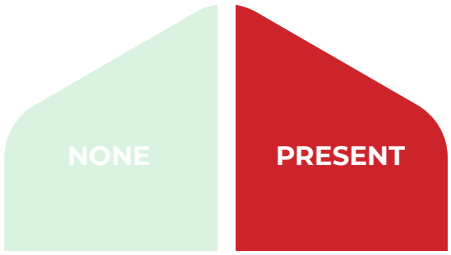
MOLD GROWTH

This sample does not indicate physical mold growth exists on the surface which was sampled.

RECOMMENDATIONS

See our Resources section on our website for more information.

1ST FL REAR DOOR



MOLD GROWTH

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.

Air Samples

Predominantly Indoor - Water Related

Fungal Classifications	Spores Found per m³		
	Rear/West/Windward	2nd FL Master Bathroom	Front/East/Leeward
Asp/Pen String	0	0	0
Chaetomium	0	0	0
Clado-Sphaerospermum	0	0	0
Fusarium	0	0	0
Gliomastix	0	0	0
Scopulariopsis	0	0	0
Stachybotrys	0	0	0
Trichoderma	0	0	0
Ulocladium	0	0	0
Wallemia	0	0	0

Indoor / Outdoor

Fungal Classifications	Spores Found per m³		
	Rear/West/Windward	2nd FL Master Bathroom	Front/East/Leeward
Alternaria-like	13	0	0
Aspergillus / Penicillium	173	0	40
Cladosporium	360	13	307

Predominantly Outdoor

Fungal Classifications	Spores Found per m³		
	Rear/West/Windward	2nd FL Master Bathroom	Front/East/Leeward
Arthrinium	0	0	0
Ascospore	253	0	67
Basidiospore	2240	93	1827
Bipolaris	0	0	0
Botrytis	0	0	0
Cercospora	0	0	40
Chaetoconis	0	0	0
Coelomycete	0	0	0
Curvularia	0	0	0
Epicoccum	13	0	0
Mitospore	0	0	0
Myrothecium	0	0	0
Nigrospora	0	13	13
Oidium	0	0	0
Paecilomyces	0	0	0
Peronospora	0	0	13
Pestilotiopsis	0	0	0
Pithomyces	27	13	0
Polythrincium	0	0	0
Pyricularia	0	0	0
Smut, Periconia, and Myxomycete-like	13	13	13
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	3093	147	2333

Particulates

Non-Fungal Particulate	Particles Found per m³		
	Rear/West/Windward	2nd FL Master Bathroom	Front/East/Leeward
Hypha	13	0	40
Pollen	13	0	0
Skin Fragment Human	80	1627	53
Skin Fragment Animal	13	253	13
Carbon Dust	7467	3213	5453
Soil	1533	747	880
Starch	67	200	53
Fiber	160	907	107
Total Particulate < 2.5 µm	29253	47547	41293
Total Particulate 2.5 - 10 µm	23333	10440	16373
Total Particulate > 10 µm	3853	4480	2107

Predominantly Indoor - Water Related

Fungal Classifications	Spores Found per m³		
	2nd FL Master Bathroom Cavity	2nd FL Master Bedroom	Front/East/Leeward
Asp/Pen String	0	0	0
Chaetomium	0	0	0
Clado-Sphaerospermum	0	0	0
Fusarium	0	0	0
Gliomastix	0	0	0
Scopulariopsis	0	0	0
Stachybotrys	0	0	0
Trichoderma	0	0	0
Ulocladium	0	0	0
Wallemia	0	0	0

Indoor / Outdoor

Fungal Classifications	Spores Found per m³		
	2nd FL Master Bathroom Cavity	2nd FL Master Bedroom	Front/East/Leeward
Alternaria-like	0	0	0
Aspergillus / Penicillium	0	27	40
Cladosporium	400	27	307

Predominantly Outdoor

Fungal Classifications	Spores Found per m³		
	2nd FL Master Bathroom Cavity	2nd FL Master Bedroom	Front/East/Leeward
Arthrinium	0	0	0
Ascospore	133	0	67
Basidiospore	67	40	1827
Bipolaris	0	0	0
Botrytis	0	0	0
Cercospora	0	0	40
Chaetoconis	0	0	0
Coelomycete	0	0	0
Curvularia	0	0	0
Epicoccum	67	0	0
Mitospore	0	0	0
Myrothecium	0	0	0
Nigrospora	0	0	13
Oidium	0	0	0
Paecilomyces	0	0	0
Peronospora	0	0	13
Pestilotiopsis	0	0	0
Pithomyces	0	0	0
Polythrincium	0	0	0
Pyricularia	0	0	0
Smut, Periconia, and Myxomycete-like	0	13	13
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	933	107	2333

Particulates

Non-Fungal Particulate	Particles Found per m³		
	2nd FL Master Bathroom Cavity	2nd FL Master Bedroom	Front/East/Leeward
Hypha	133	0	40
Pollen	67	0	0
Skin Fragment Human	2067	1373	53
Skin Fragment Animal	200	253	13
Carbon Dust	4000	1507	5453
Soil	867	133	880
Starch	733	120	53
Fiber	267	280	107
Total Particulate < 2.5 µm	24400	5560	41293
Total Particulate 2.5 - 10 µm	20667	6053	16373
Total Particulate > 10 µm	13267	3147	2107

Predominantly Indoor - Water Related

Fungal Classifications	Spores Found per m³		
	2nd FL Workout Room	1st Floor Dining Room	Front/East/Leeward
Asp/Pen String	13	0	0
Chaetomium	0	0	0
Clado-Sphaerospermum	0	0	0
Fusarium	0	0	0
Gliomastix	0	0	0
Scopulariopsis	0	0	0
Stachybotrys	0	0	0
Trichoderma	0	0	0
Ulocladium	0	0	0
Wallemia	0	0	0

Indoor / Outdoor

Fungal Classifications	Spores Found per m³		
	2nd FL Workout Room	1st Floor Dining Room	Front/East/Leeward
Alternaria-like	13	0	0
Aspergillus / Penicillium	107	0	40
Cladosporium	27	0	307

Predominantly Outdoor

Fungal Classifications	Spores Found per m³		
	2nd FL Workout Room	1st Floor Dining Room	Front/East/Leeward
Arthrinium	0	0	0
Ascospore	0	13	67
Basidiospore	40	80	1827
Bipolaris	0	0	0
Botrytis	0	0	0
Cercospora	0	0	40
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	13
Oidium	0	0	0
Paecilomyces	0	0	0
Peronospora	0	0	13
Pestilotiopsis	0	0	0
Pithomyces	0	0	0
Polythrincium	0	0	0
Pyricularia	0	0	0
Smut, Periconia, and Myxomycete-like	13	0	13
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	200	93	2333

Particulates

Non-Fungal Particulate	Particles Found per m³		
	2nd FL Workout Room	1st Floor Dining Room	Front/East/Leeward
Hypha	0	13	40
Pollen	13	0	0
Skin Fragment Human	1533	1027	53
Skin Fragment Animal	120	53	13
Carbon Dust	2547	507	5453
Soil	507	80	880
Starch	93	27	53
Fiber	587	53	107
Total Particulate < 2.5 µm	24173	3880	41293
Total Particulate 2.5 - 10 µm	8147	2373	16373
Total Particulate > 10 µm	2493	1800	2107

Predominantly Indoor - Water Related

Fungal Classifications	Spores Found per m³		
	1st FL Dining Room Cavity	1st Floor Foyer	Front/East/Leeward
Asp/Pen String	0	0	0
Chaetomium	0	0	0
Clado-Sphaerospermum	0	0	0
Fusarium	0	0	0
Gliomastix	0	0	0
Scopulariopsis	0	0	0
Stachybotrys	0	0	0
Trichoderma	0	0	0
Ulocladium	0	0	0
Wallemia	0	0	0

Indoor / Outdoor

Fungal Classifications	Spores Found per m³		
	1st FL Dining Room Cavity	1st Floor Foyer	Front/East/Leeward
Alternaria-like	0	0	0
Aspergillus / Penicillium	667	40	40
Cladosporium	67	13	307

Predominantly Outdoor

Fungal Classifications	Spores Found per m³		
	1st FL Dining Room Cavity	1st Floor Foyer	Front/East/Leeward
Arthrinium	0	0	0
Ascospore	0	0	67
Basidiospore	67	27	1827
Bipolaris	0	0	0
Botrytis	0	0	0
Cercospora	0	0	40
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	13
Oidium	0	0	0
Paecilomyces	0	0	0
Peronospora	0	0	13
Pestilotiopsis	0	0	0
Pithomyces	67	0	0
Polythrincium	0	0	0
Pyricularia	0	0	0
Smut, Periconia, and Myxomycete-like	0	0	13
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	867	80	2333

Particulates

Non-Fungal Particulate	Particles Found per m³		
	1st FL Dining Room Cavity	1st Floor Foyer	Front/East/Leeward
Hypha	0	0	40
Pollen	67	0	0
Skin Fragment Human	1933	1307	53
Skin Fragment Animal	333	120	13
Carbon Dust	43333	1720	5453
Soil	53867	413	880
Starch	533	67	53
Fiber	1600	413	107
Total Particulate < 2.5 µm	355533	51720	41293
Total Particulate 2.5 - 10 µm	96400	6373	16373
Total Particulate > 10 µm	93867	1973	2107

Predominantly Indoor - Water Related

Fungal Classifications	Spores Found per m³		
	Basement Bedroom	Basement Living Room	Front/East/Leeward
Asp/Pen String	13	13	0
Chaetomium	0	0	0
Clado-Sphaerospermum	0	0	0
Fusarium	0	0	0
Gliomastix	0	0	0
Scopulariopsis	0	0	0
Stachybotrys	0	0	0
Trichoderma	0	0	0
Ulocladium	0	0	0
Wallemia	0	0	0

Indoor / Outdoor

Fungal Classifications	Spores Found per m³		
	Basement Bedroom	Basement Living Room	Front/East/Leeward
Alternaria-like	0	0	0
Aspergillus / Penicillium	107	120	40
Cladosporium	27	0	307

Predominantly Outdoor

Fungal Classifications	Spores Found per m³		
	Basement Bedroom	Basement Living Room	Front/East/Leeward
Arthrinium	0	0	0
Ascospore	0	0	67
Basidiospore	27	13	1827
Bipolaris	0	0	0
Botrytis	0	0	0
Cercospora	0	0	40
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	13
Oidium	0	0	0
Paecilomyces	0	0	0
Peronospora	0	0	13
Pestilotiopsis	0	0	0
Pithomyces	0	0	0
Polythrincium	0	0	0
Pyricularia	0	0	0
Smut, Periconia, and Myxomycete-like	0	0	13
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	160	133	2333

Particulates

Non-Fungal Particulate	Particles Found per m³		
	Basement Bedroom	Basement Living Room	Front/East/Leeward
Hypha	13	0	40
Pollen	0	0	0
Skin Fragment Human	2320	1947	53
Skin Fragment Animal	267	240	13
Carbon Dust	533	2333	5453
Soil	133	347	880
Starch	53	160	53
Fiber	53	680	107
Total Particulate < 2.5 µm	1707	38440	41293
Total Particulate 2.5 - 10 µm	2347	5933	16373
Total Particulate > 10 µm	2120	2680	2107

2nd FL Master Bathroom

Trace 4x

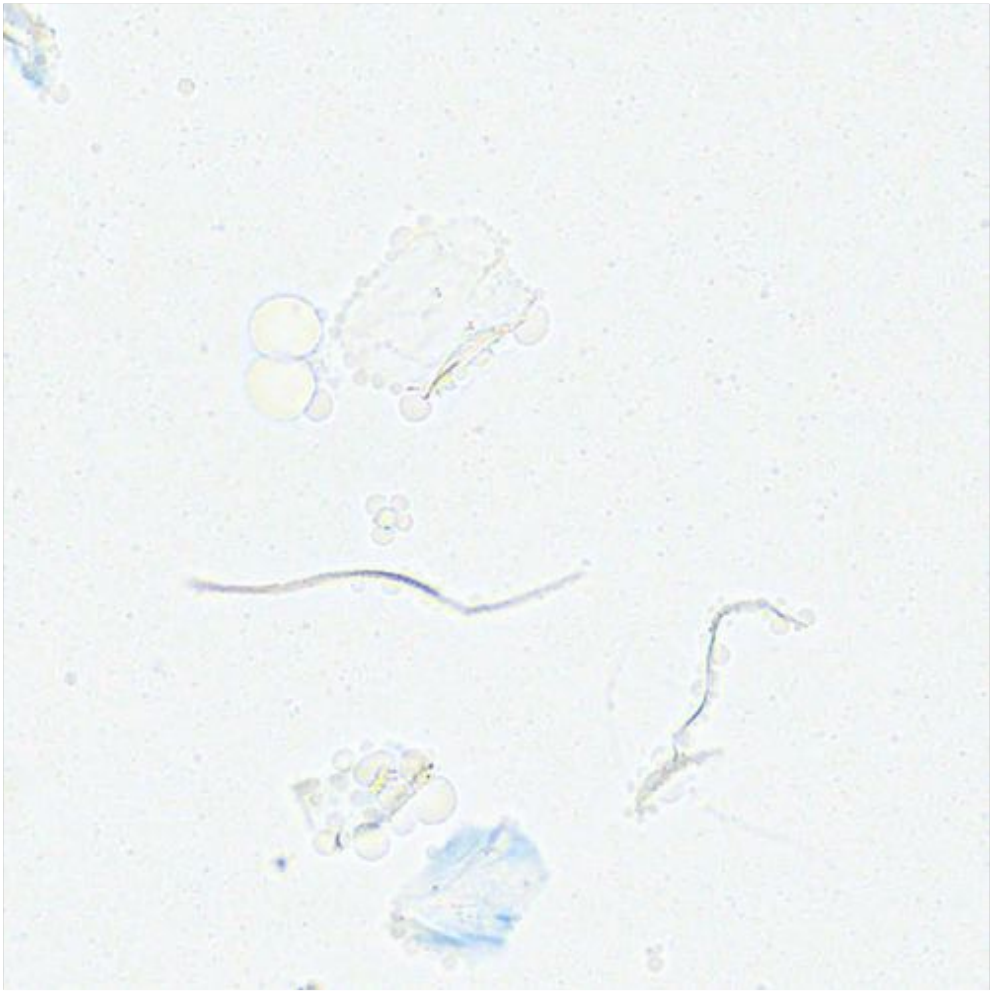
Outside



Inside



30x Zoomed



Notable Objects



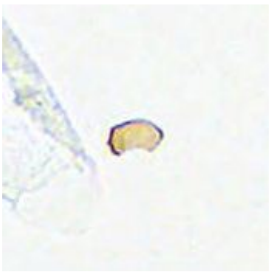
Basidiospore



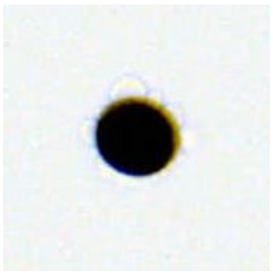
Basidiospore



Basidiospore



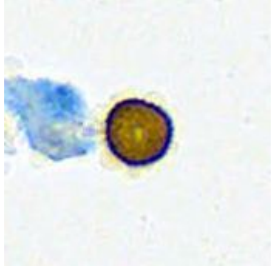
Cladosporium



Nigrospora



Pithomyces



Smut, Periconia, and Myxomycete-like

2nd FL Master Bathroom Cavity

Trace 4x

Outside



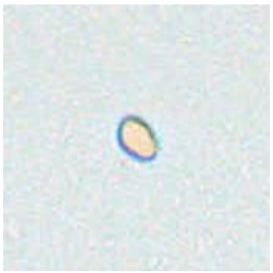
Inside



30x Zoomed



Notable Objects



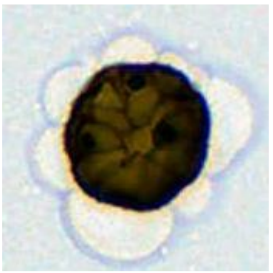
Basidiospore



Cladosporium



Cladosporium



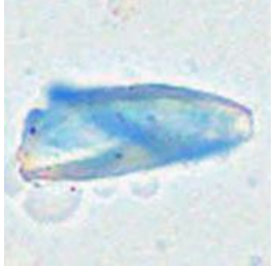
Epicoccum



Hypha



Rust



Skin Fragment Animal

2nd FL Master Bedroom

Trace 4x

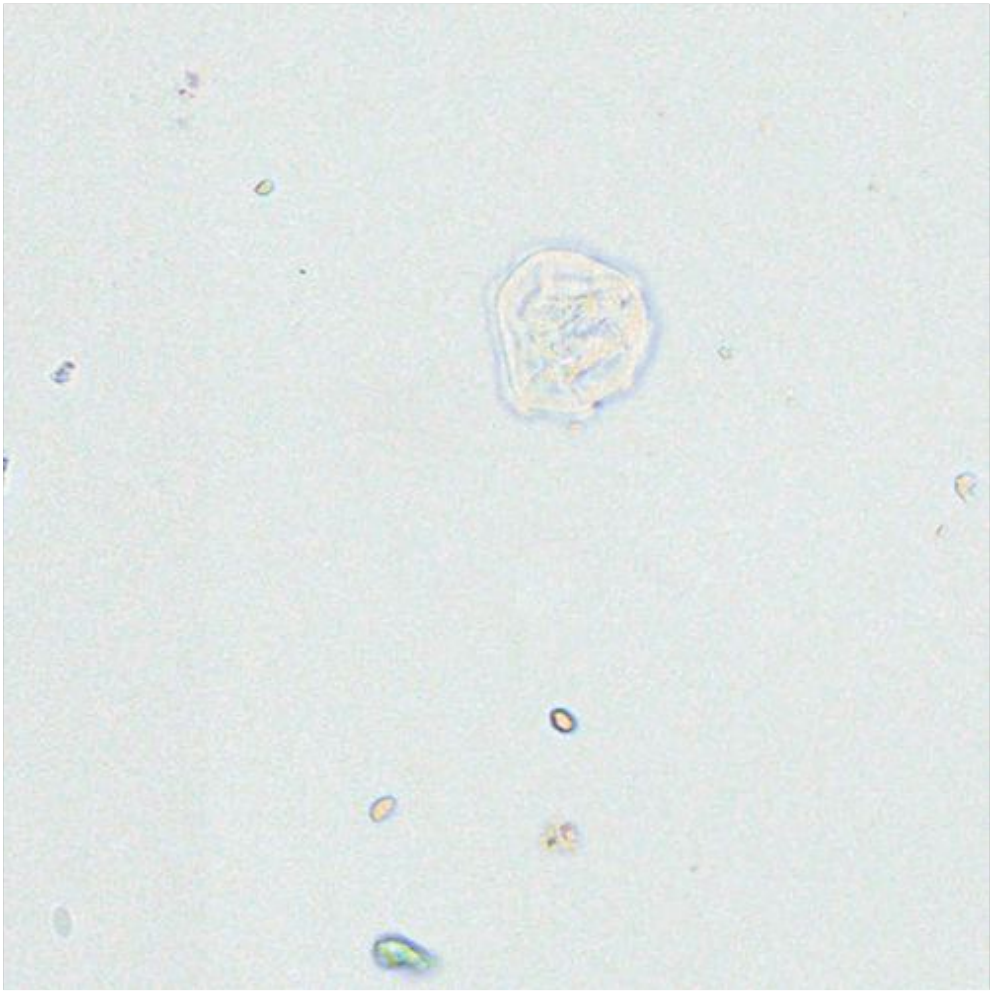
Outside



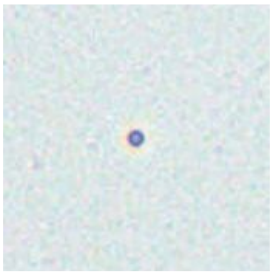
Inside



30x Zoomed



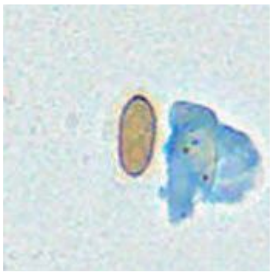
Notable Objects



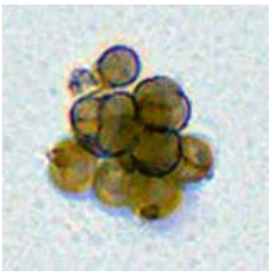
Aspergillus / Penicillium



Basidiospore



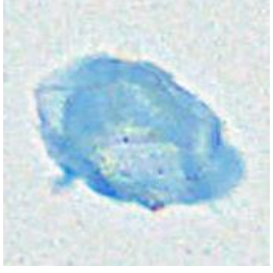
Cladosporium



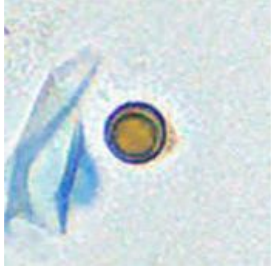
Fungal Fragment



Skin Fragment Animal



Skin Fragment Human



Smut, Periconia, and Myxomycete-like

2nd FL Workout Room

Trace 4x

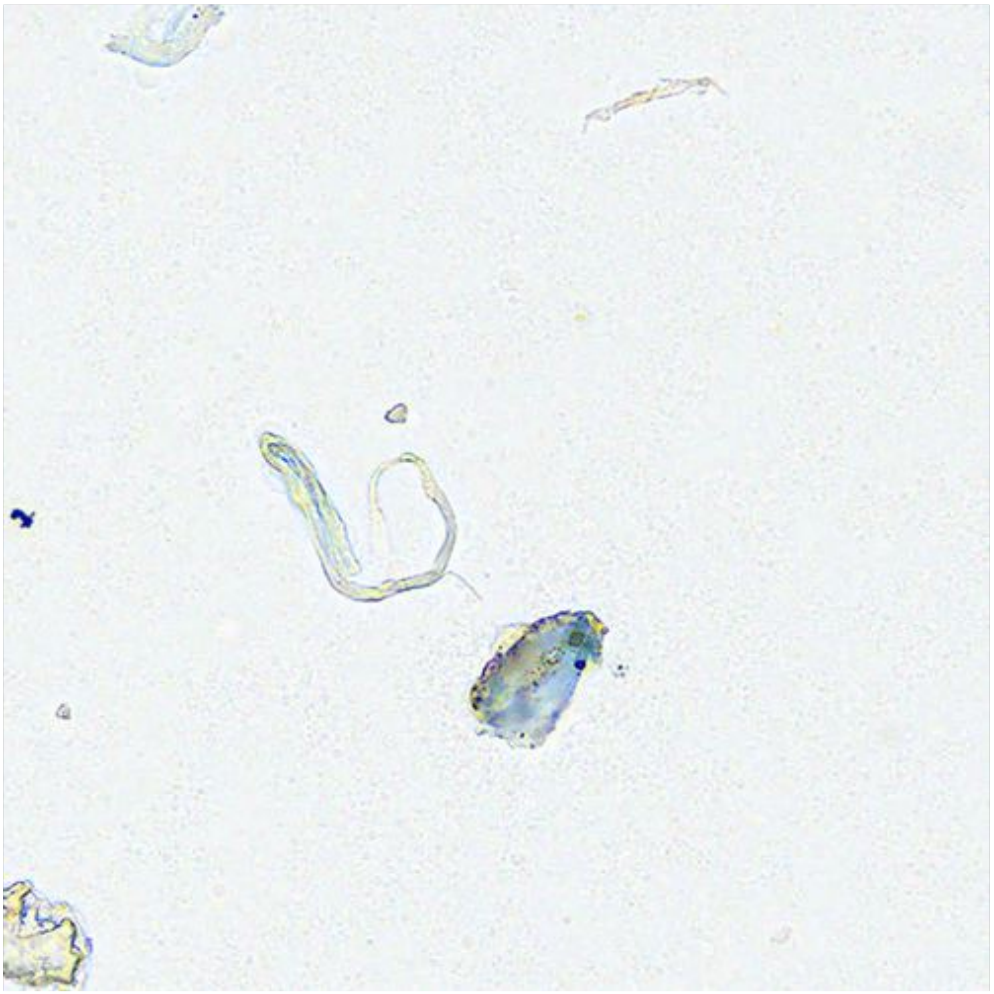
Outside



Inside



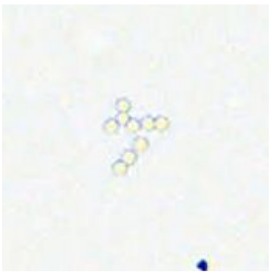
30x Zoomed



Notable Objects



Alternaria-like



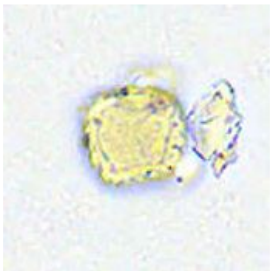
Asp/Pen String



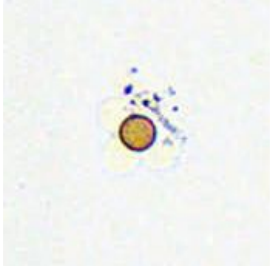
Aspergillus / Penicillium



Basidiospore



Pollen



Smut, Periconia, and Myxomycete-like

1st Floor Dining Room

Trace 4x

Outside



Inside



30x Zoomed



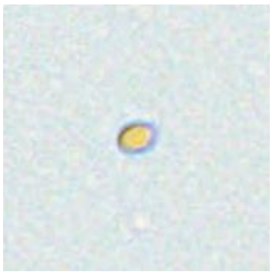
Notable Objects



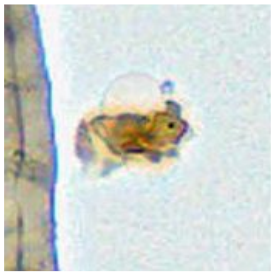
Ascospore



Basidiospore



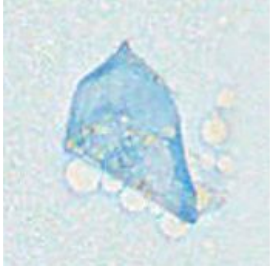
Basidiospore



Fungal Fragment



Hypha



Skin Fragment Human

1st FL Dining Room Cavity

Trace 4x

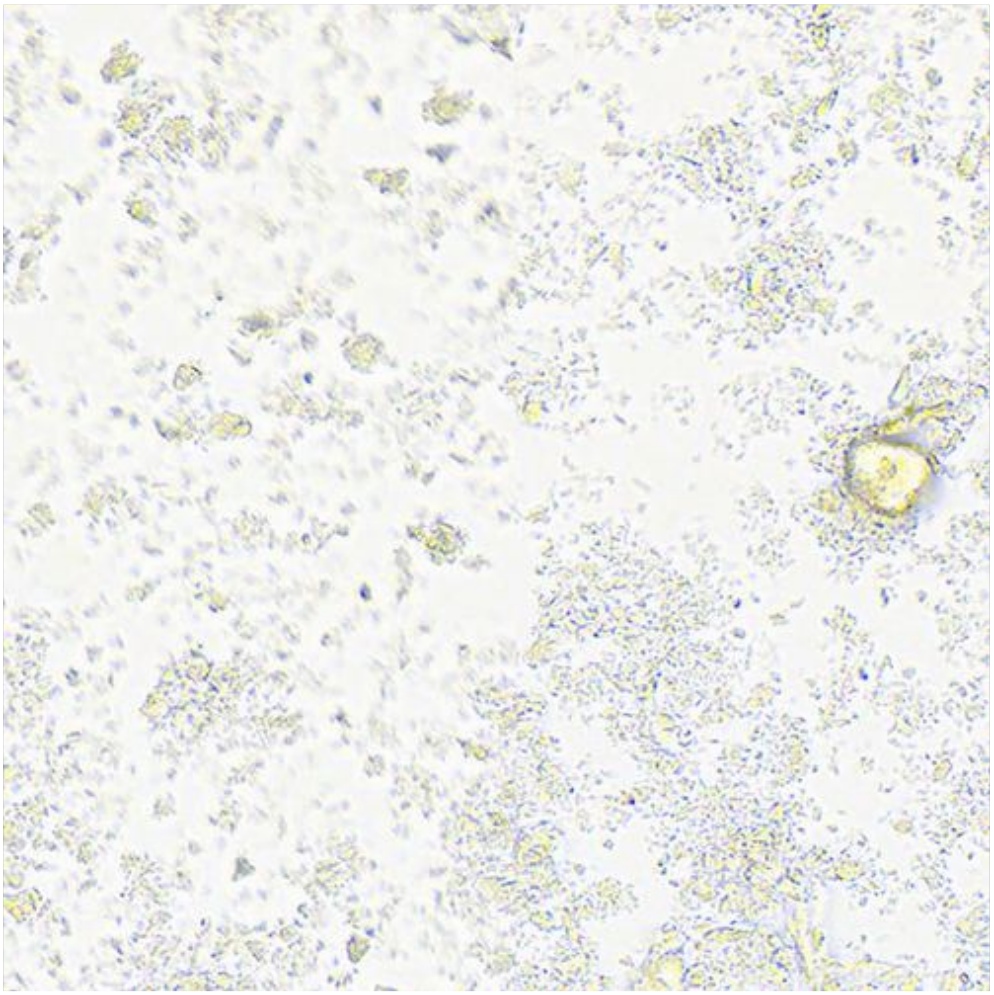
Outside



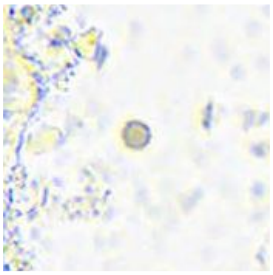
Inside



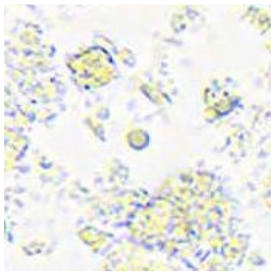
30x Zoomed



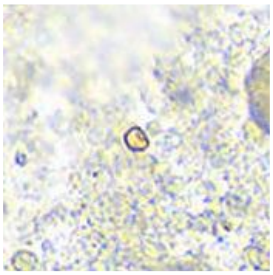
Notable Objects



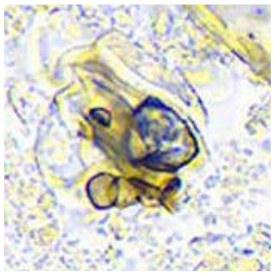
Aspergillus / Penicillium



Aspergillus / Penicillium



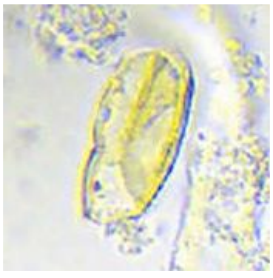
Basidiospore



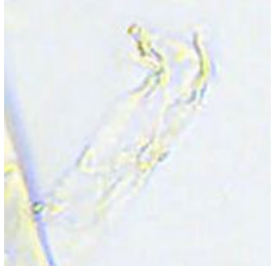
Fungal Fragment



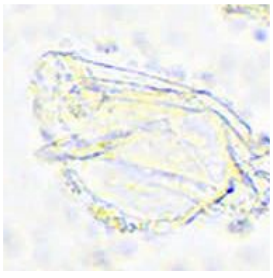
Pithomyces



Pollen



Skin Fragment Animal



Skin Fragment Human

1st Floor Foyer

Trace 4x

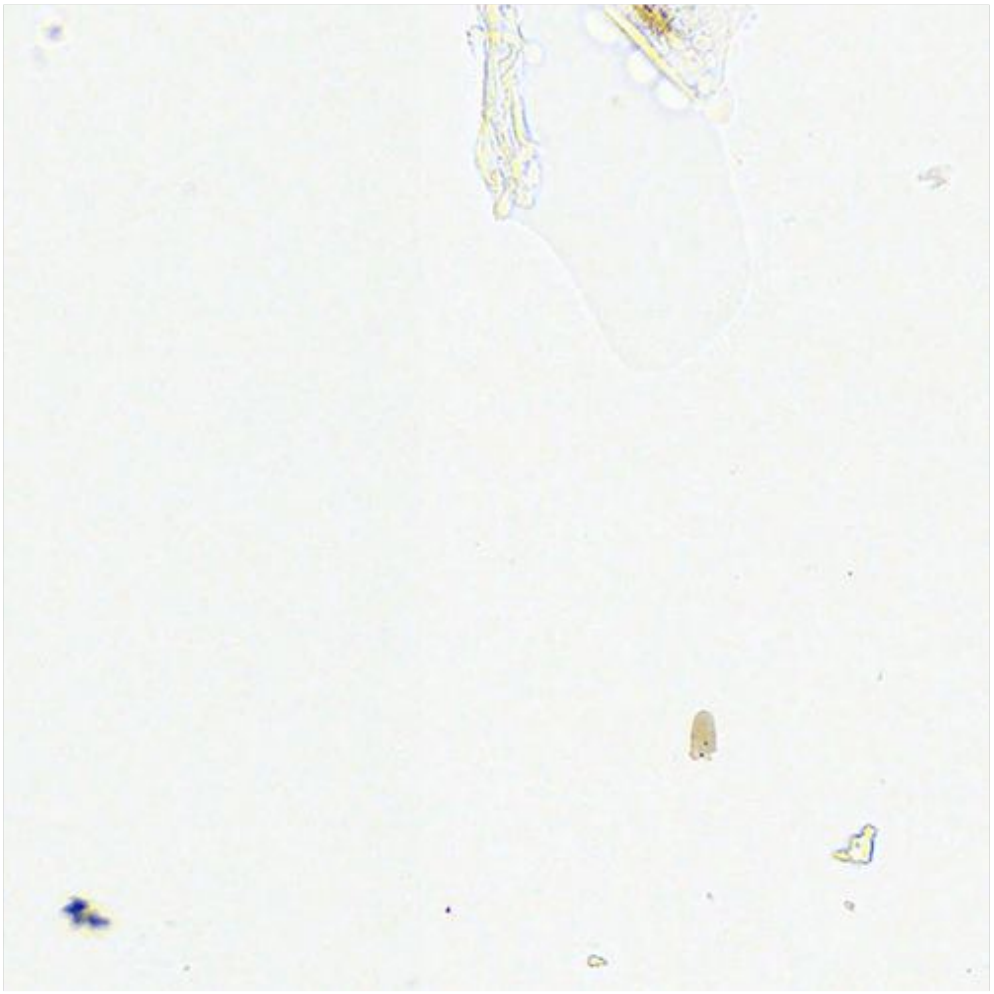
Outside



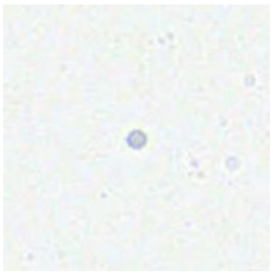
Inside



30x Zoomed



Notable Objects



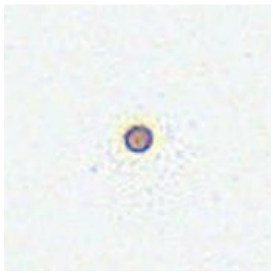
Aspergillus / Penicillium



Aspergillus / Penicillium



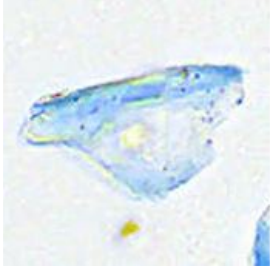
Basidiospore



Basidiospore



Skin Fragment Animal



Skin Fragment Human

Basement Bedroom

Trace 4x

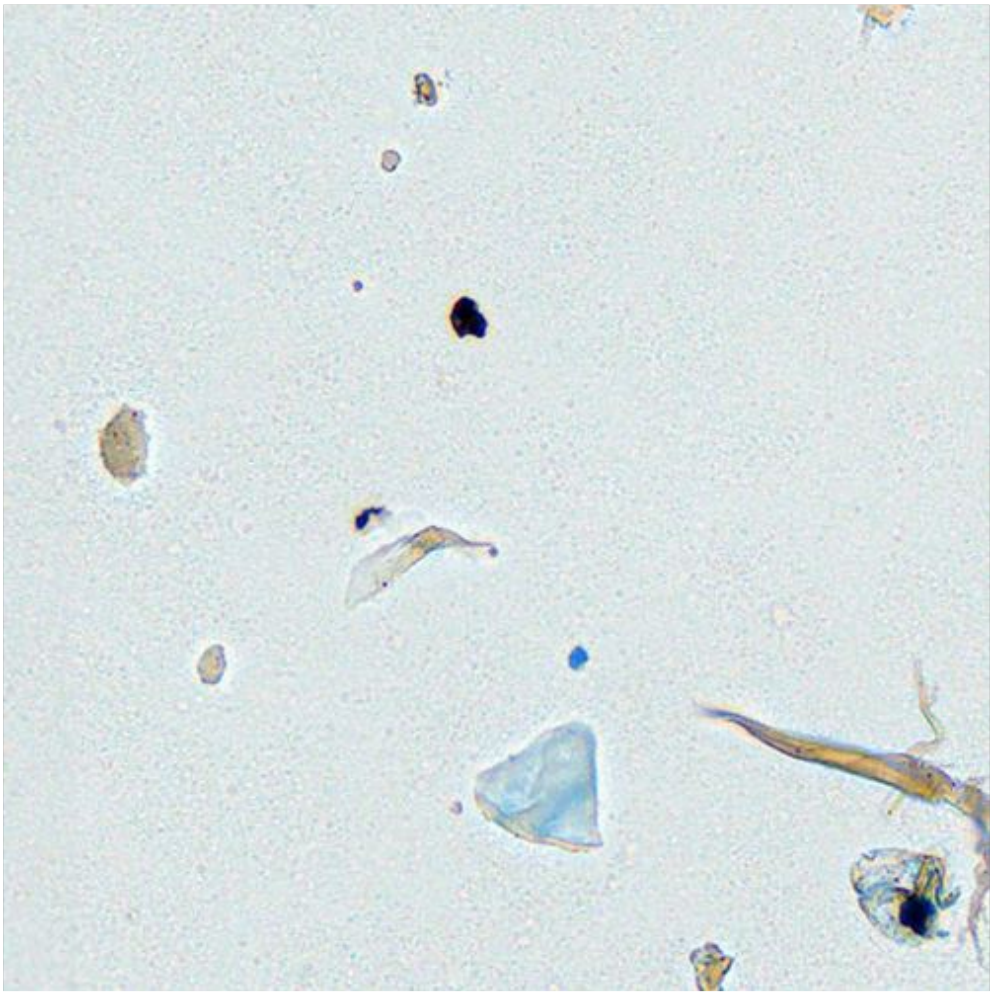
Outside



Inside



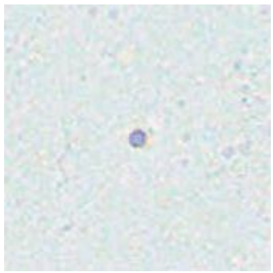
30x Zoomed



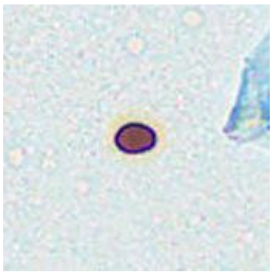
Notable Objects



Asp/Pen String



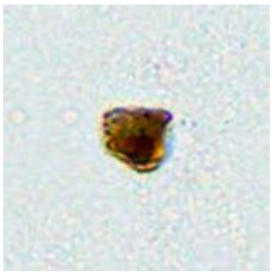
Aspergillus / Penicillium



Basidiospore



Cladosporium



Fungal Fragment



Hypha

Basement Living Room

Trace 4x

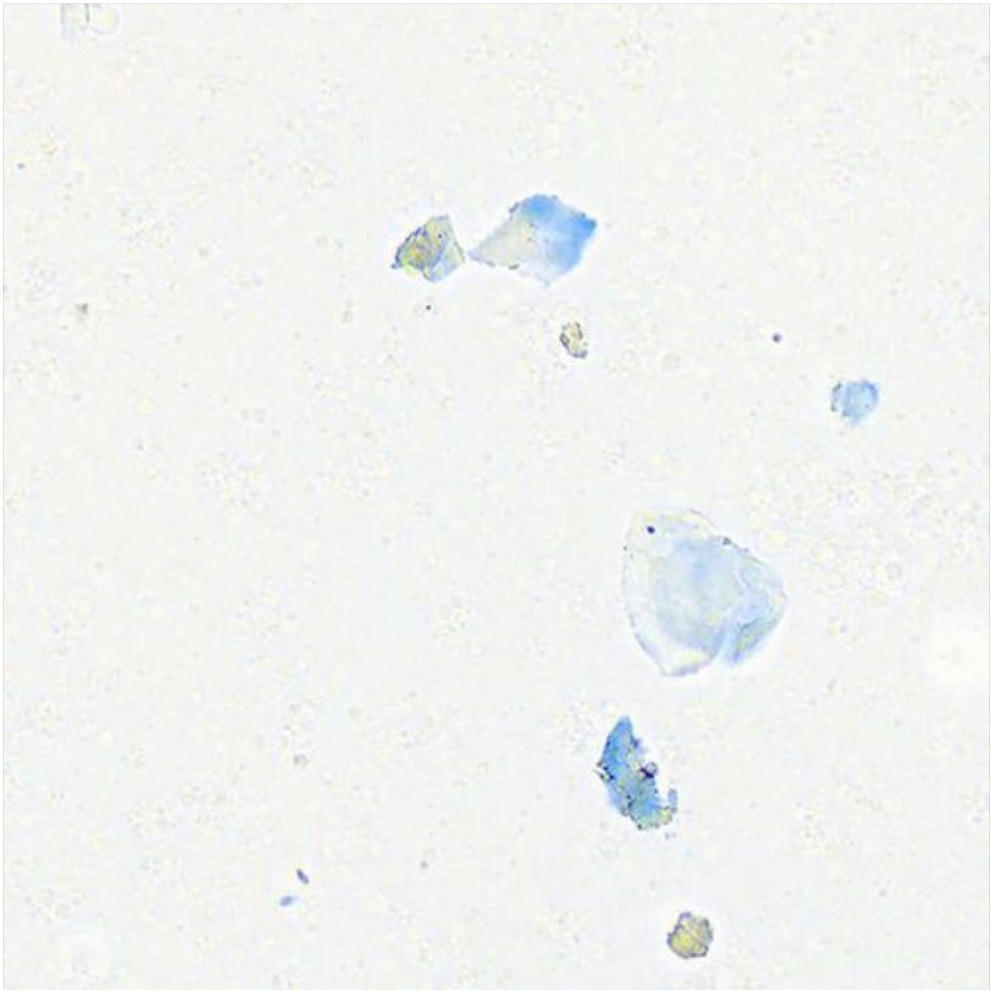
Outside



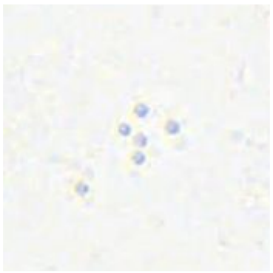
Inside



30x Zoomed



Notable Objects



Asp/Pen String



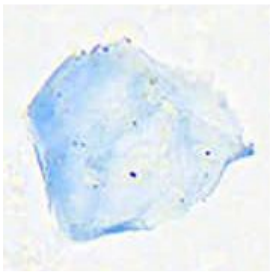
Aspergillus / Penicillium



Basidiospore



Skin Fragment Animal



Skin Fragment Human

Surface Samples

Sample ID: 2nd FL Bedroom Door — Sample Type: Swab

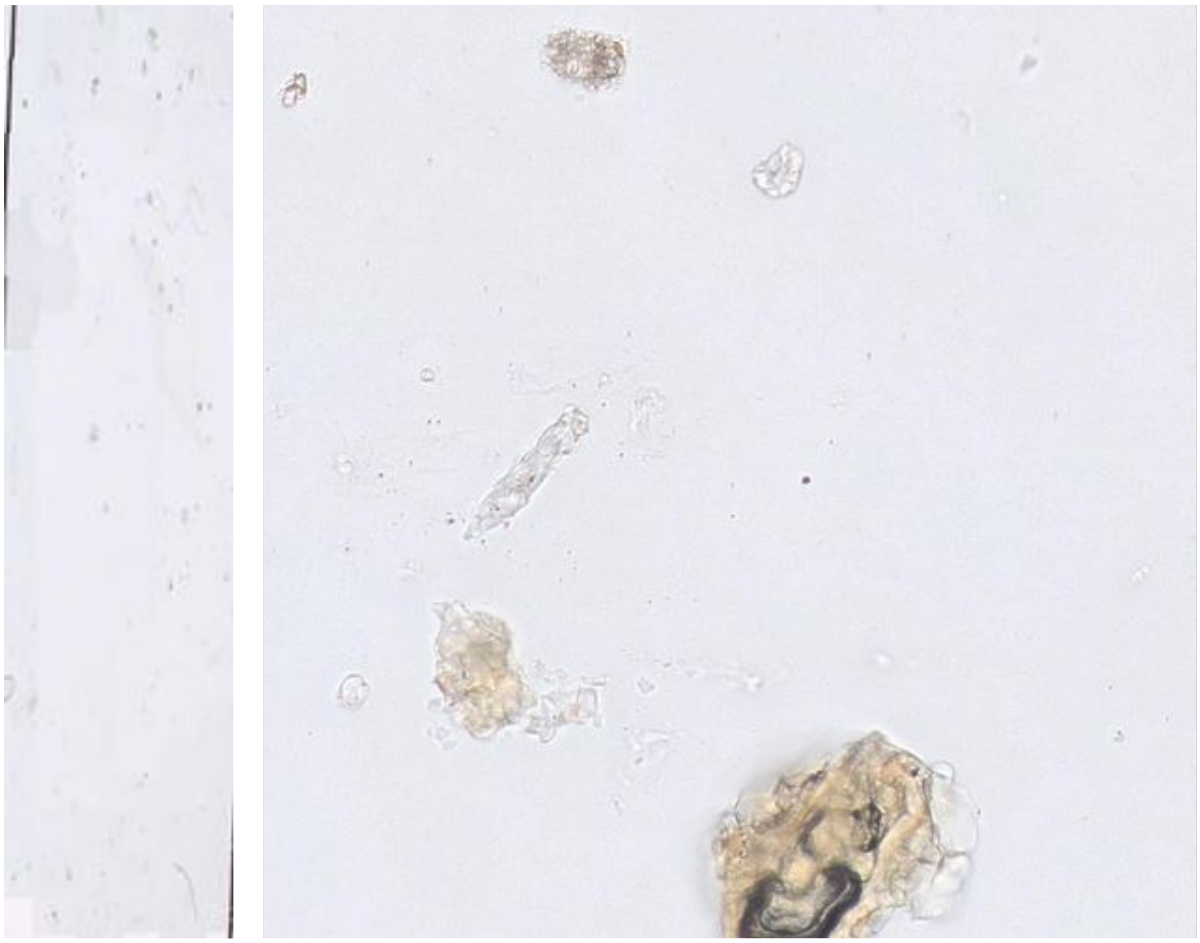
Fungal Identification	Fungal Growth	Background Spores
Alternaria-like	–	Present
Aspergillus / Penicillium	–	Present
Basidiospore	–	Present
Cladosporium	Light	–
Chaetomium	Light	–
Hypha	–	Present





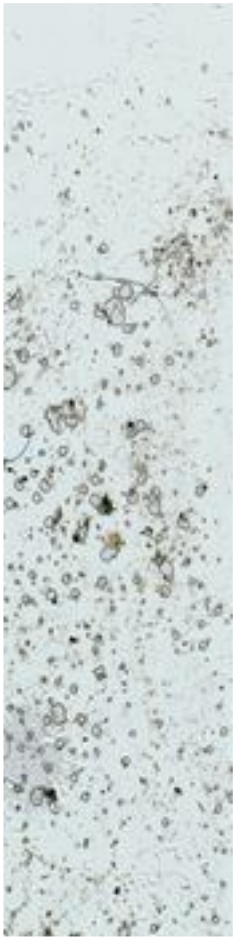
Sample ID: Dining Room Base Board — Sample Type: Tape

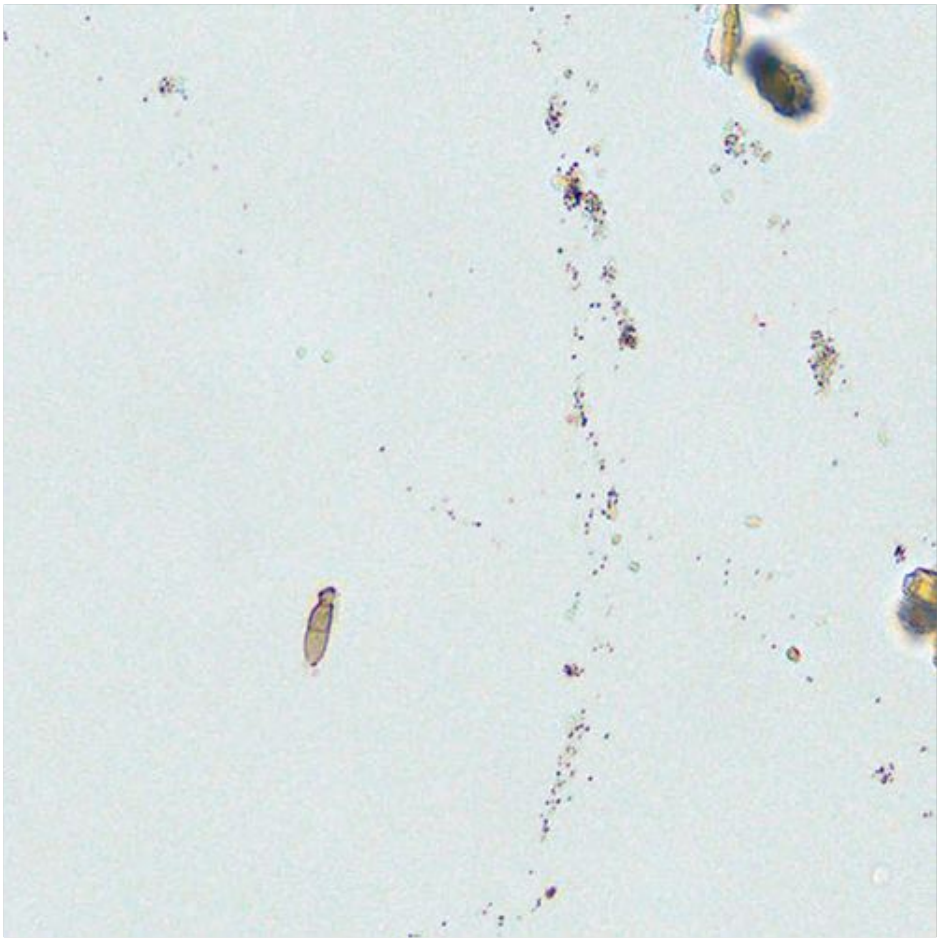
Fungal Identification	Fungal Growth	Background Spores
Aspergillus / Penicillium	–	Present
Basidiospore	–	Present
Hypha	–	Present



Sample ID: 1st FL Front Entry Door — Sample Type: Swab

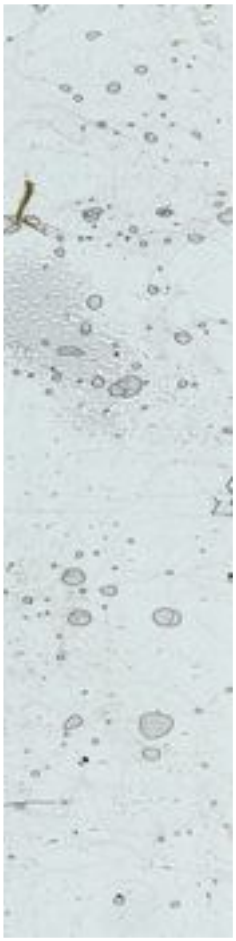
Fungal Identification	Fungal Growth	Background Spores
Basidiospore	–	Present
Cladosporium	–	Present
Chaetomium	–	Present
Hypha	–	Present

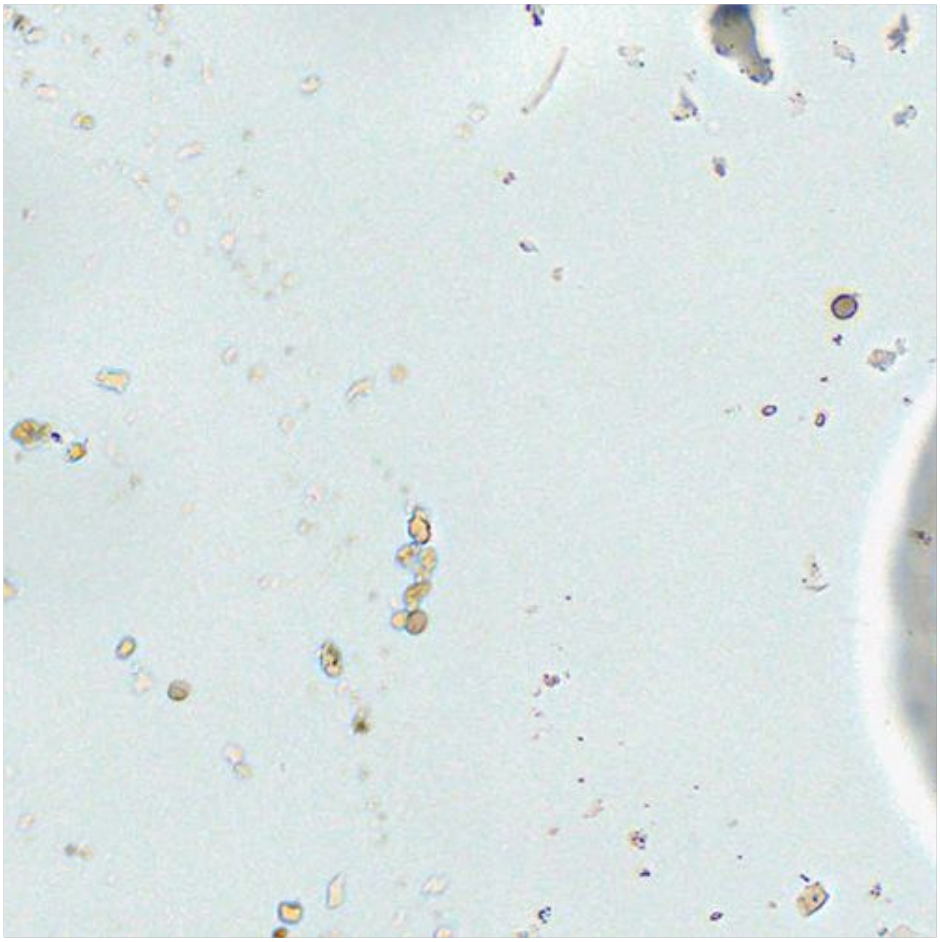




Sample ID: 1st FL Rear Door — Sample Type: Swab

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





sporecyte

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.



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.



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.



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 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.

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.

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