

# MOLD & AIR QUALITY REPORT



**PREPARED FOR**

Jenny Jenny

**ADDRESS**

1234 Main St

**SAMPLED BY**

**Advanced Home Inspections LLC**  
James Haugen  
608-792-3657

**SAMPLE DATE**

11/14/2022

**SAMPLE RECEIVED**

11/18/2022

**REPORT DATE**

11/18/2022

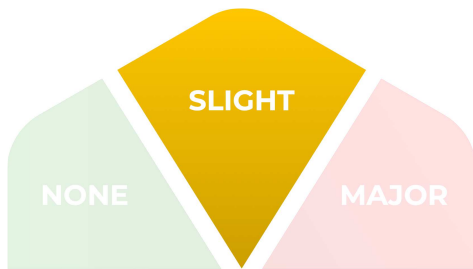
**CERTIFIED BY**



Dylan McIntosh  
CIH, PAACB Certified Spore Analyst

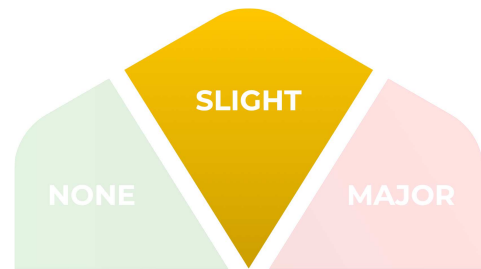
# AIRBORNE TEST RESULTS

## BASEMENT FAMILY ROOM



**MOLD ELEVATION LEVEL**

## FIRST FLOOR LIVING ROOM



**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.

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### 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 or to book a consultation with a mold expert.

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# Air Sample

## Predominantly Indoor - Water Related

Fungal Classifications	Spores Found per m <sup>3</sup>		
	Basement Family Room	First Floor Living Room	Outdoor
Asp/Pen String	0	27	0
Chaetomium	0	13	0
Clado-Sphaerospermum	0	0	0
Fusarium	0	0	0
Gliomastix	0	0	0
Scopulariopsis	0	0	0
Stachybotrys	0	0	0
Trichoderma	13	0	0
Ulocladium	0	13	0
Wallemia	0	0	0

## Indoor / Outdoor

Fungal Classifications	Spores Found per m <sup>3</sup>		
	Basement Family Room	First Floor Living Room	Outdoor
Alternaria-like	67	53	0
Aspergillus / Penicillium	253	307	80
Cladosporium	427	333	133

# Predominantly Outdoor

Fungal Classifications	Spores Found per m <sup>3</sup>		
	Basement Family Room	First Floor Living Room	Outdoor
Arthrinium	0	0	0
Ascospore	27	40	40
Basidiospore	107	107	93
Bipolaris	0	0	0
Bispora	0	0	0
Botrytis	0	0	0
Brachysporium-like	0	0	0
Cercospora	0	0	0
Chaetoconis	0	0	0
Coelomycete	0	0	0
Curvularia	0	0	0
Epicoccum	67	227	0
Exosporium	0	0	0
Fusicladium	0	0	0
Lasiosphaeria	0	0	0
Mitospore	0	0	0
Myrothecium	0	0	0
Nigrospora	0	0	0
Oidium	0	0	0
Paecilomyces	0	0	0
Peronospora	13	13	0
Pestilotiopsis	0	0	0
Pithomyces	53	53	0
Polythrincium	0	0	0
Pyricularia	0	0	0
Smut, Periconia, and Myxomycete-like	40	40	0
Spegazzinia	0	0	0
Stemphylium	0	0	0
Torula	0	0	0
Trichocladium	0	13	0
Unidentified Spore	0	0	0
Urediniospores	13	0	0
Zygomycetes	0	0	0
Zygophiala	0	0	0
Total	1080	1240	347

# Particulates

Non-Fungal Particulate	Particles Found per m <sup>3</sup>		
	Basement Family Room	First Floor Living Room	Outdoor
Hypha	80	67	0
Pollen	0	53	0
Skin Fragment Human	8531	5212	240
Skin Fragment Animal	387	80	13
Carbon Dust	4586	8478	826
Soil	20542	57292	1320
< 2.5 microns	76074	70529	17476
2.5-10 microns	146230	176356	9851
> 10 microns	8958	12344	360

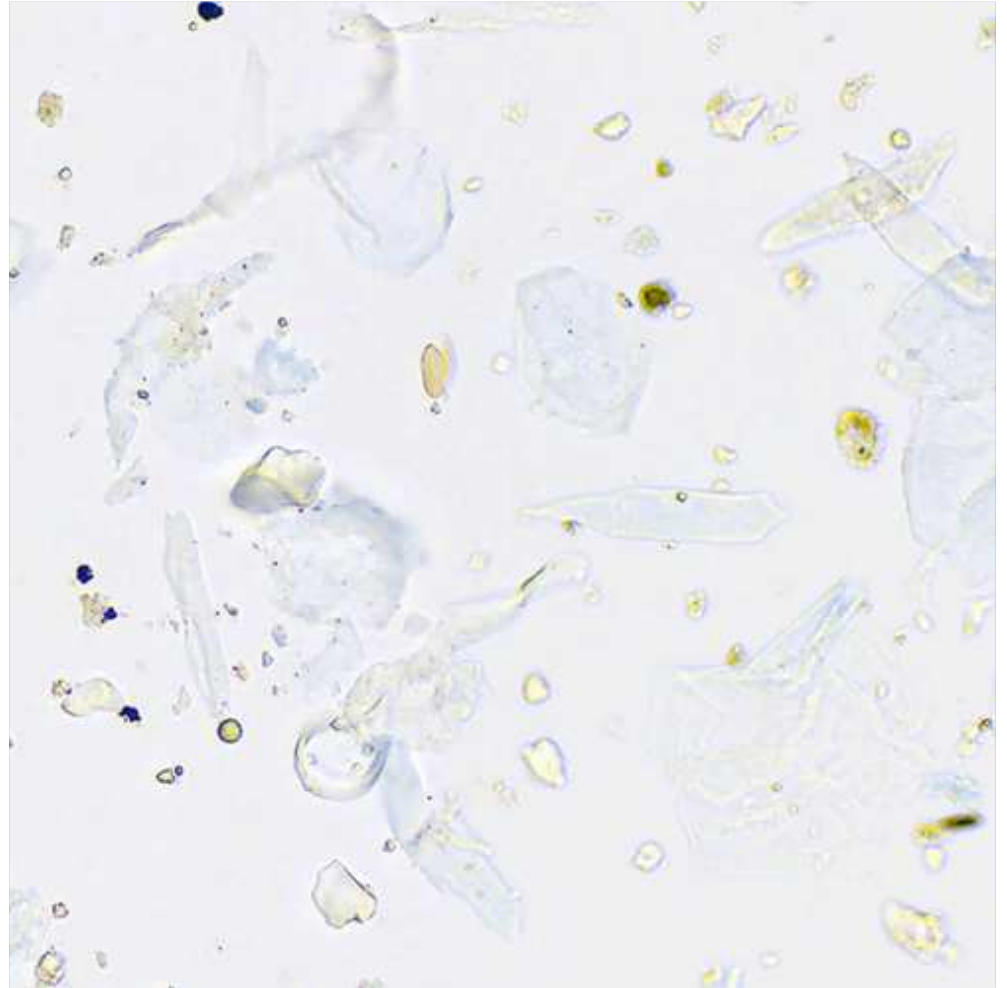
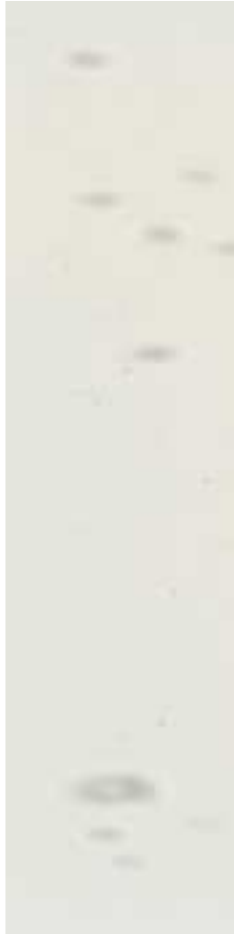
# Basement Family Room

Trace 4x

30x Zoomed

Outside

Inside



## Notable Objects



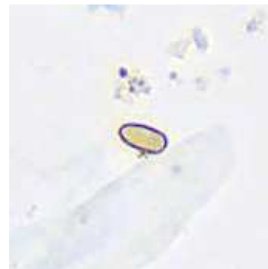
Ascospore



Aspergillus / Penicillium



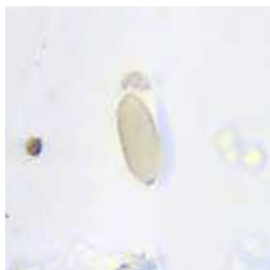
Basidiospore



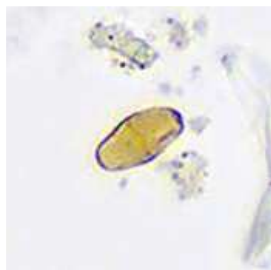
Basidiospore



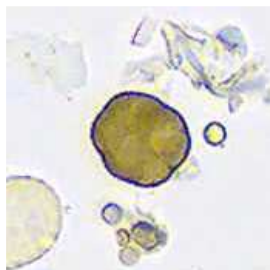
Cladosporium



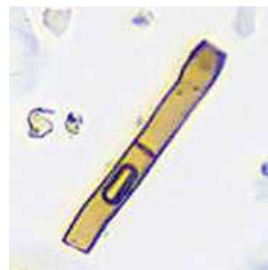
Cladosporium



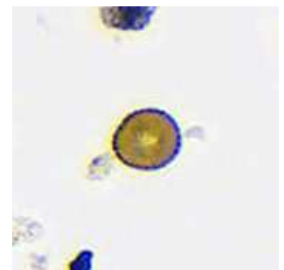
Cladosporium



Epicoccum



Hypha



Smut, Periconia, and Myxomycete-like



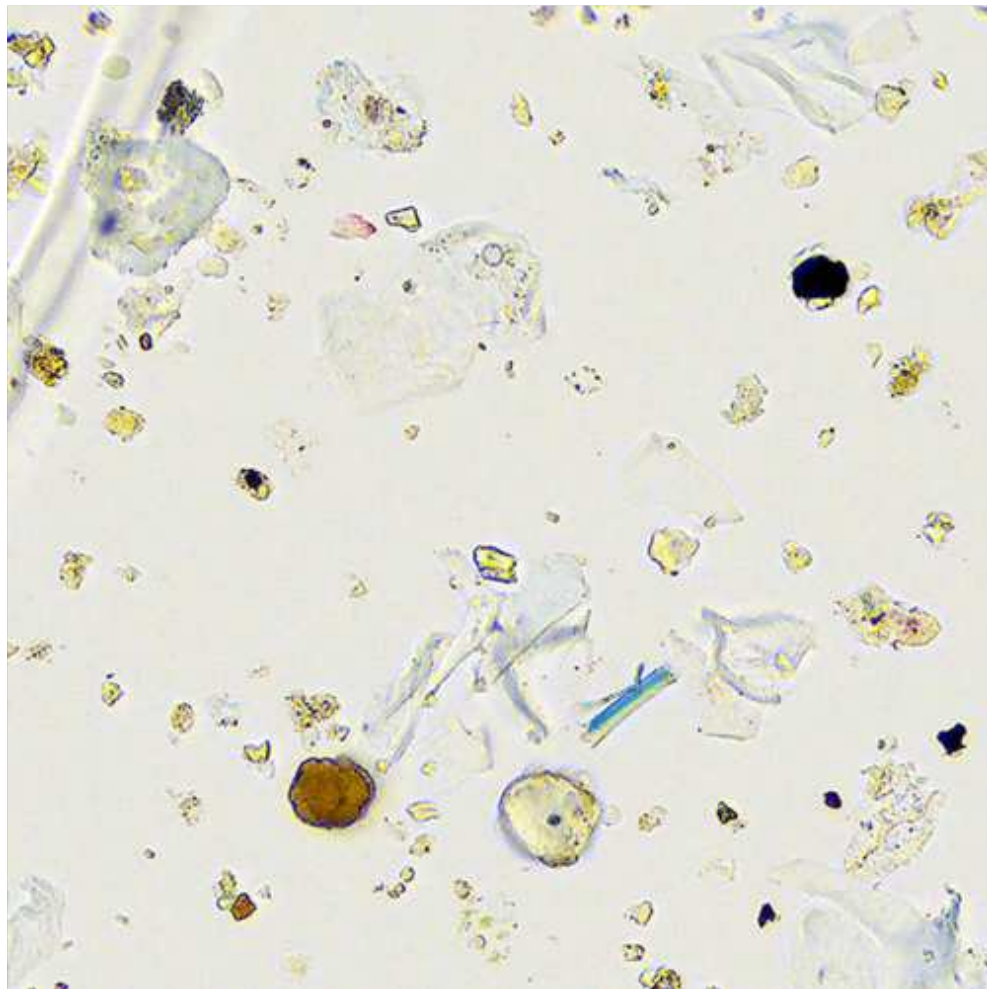
# First Floor Living Room

Trace 4x

30x Zoomed

Outside

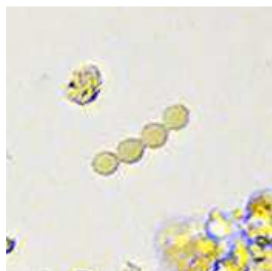
Inside



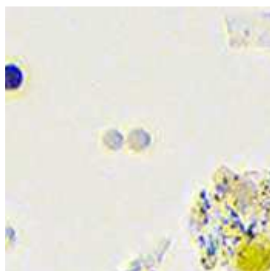
## Notable Objects



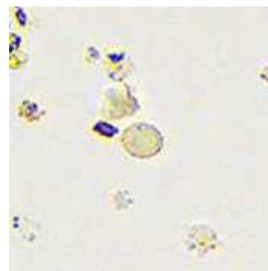
Ascospore



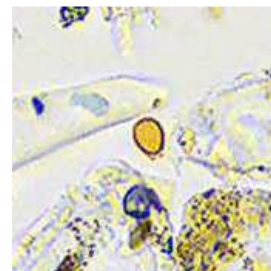
Asp/Pen String



Aspergillus / Penicillium



Aspergillus / Penicillium



Basidiospore



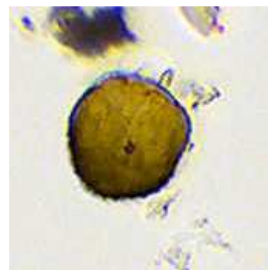
Chaetomium



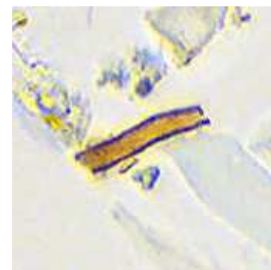
Cladosporium



Cladosporium



Epicoccum



Hypha

## 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 air outside 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. It 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](http://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.

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.

In no event shall the Company be liable to the client with respect to the Test Results except 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.