

MOLD & AIR QUALITY REPORT



PREPARED FOR

ADDRESS

SAMPLE DATE

12/4/2025

SAMPLED BY

Illuminate Home Inspections
Robert Mascio
7143343257

SAMPLE RECEIVED

12/4/2025

ANALYSIS DATE

12/5/2025

REPORT DATE

12/5/2025

APPROVED BY

A handwritten signature in blue ink that reads "Dylan McIntosh".

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

AIRBORNE TEST RESULTS

BASEMENT



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.

UPSTAIRS



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.

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Air Samples

Predominantly Indoor - Water Related

Fungal Classifications	Spores Found per m ³		
	Basement	Upstairs	Outdoors
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 m ³		
	Basement	Upstairs	Outdoors
Alternaria-like	0	0	0
Aspergillus / Penicillium	0	0	0
Cladosporium	13	67	0

Predominantly Outdoor

Fungal Classifications	Spores Found per m ³		
	Basement	Upstairs	Outdoors
Arthrinium	0	0	0
Ascospore	0	27	0
Basidiospore	0	13	13
Bipolaris	0	0	0
Botrytis	0	0	0
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	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
Zygothiala	0	0	0
Total	13	120	27

Particulates

Non-Fungal Particulate	Particles Found per m ³		
	Basement	Upstairs	Outdoors
Hypha	0	27	13
Pollen	0	0	13
Skin Fragment Human	1093	6173	320
Skin Fragment Animal	147	1307	27
Carbon Dust	627	2253	840
Soil	40	1880	107
Starch	240	253	120
Fiber	40	1253	13
Total Particulate < 2.5 µm	733	10467	3773
Total Particulate 2.5 - 10 µm	5773	31200	2680
Total Particulate > 10 µm	4040	12013	1293

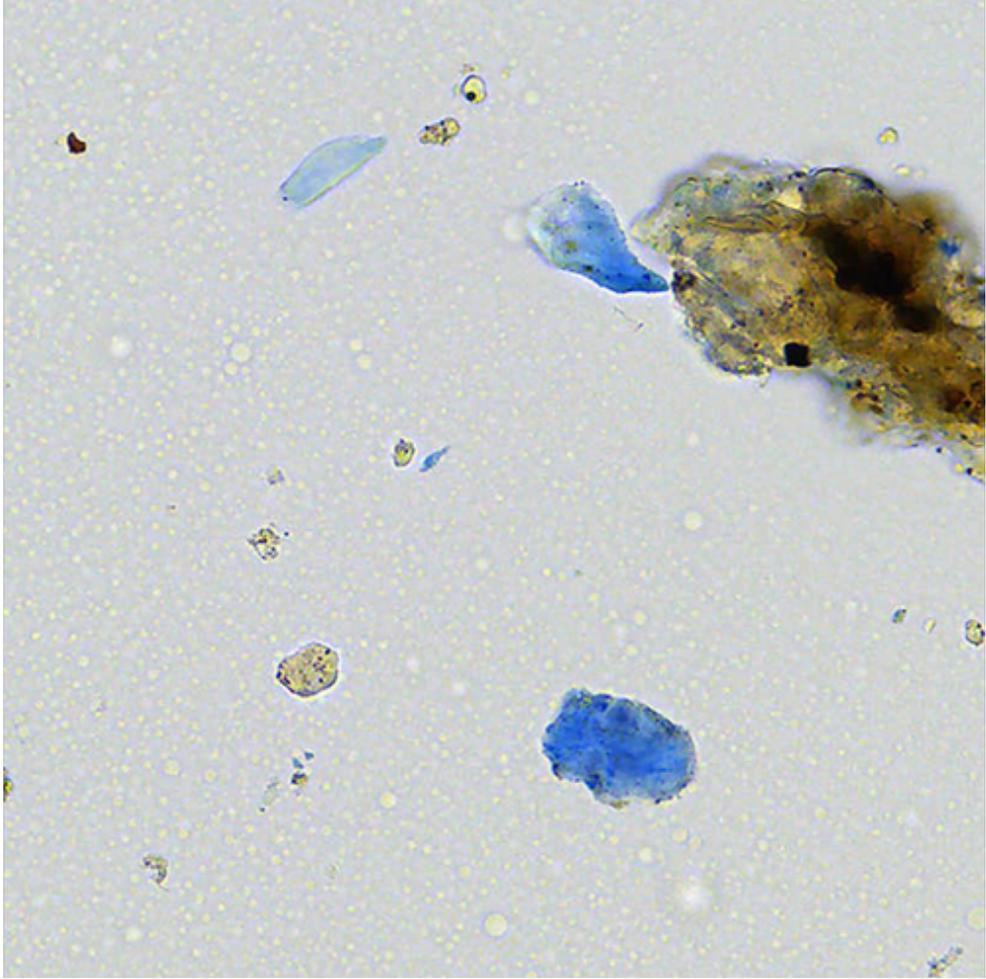
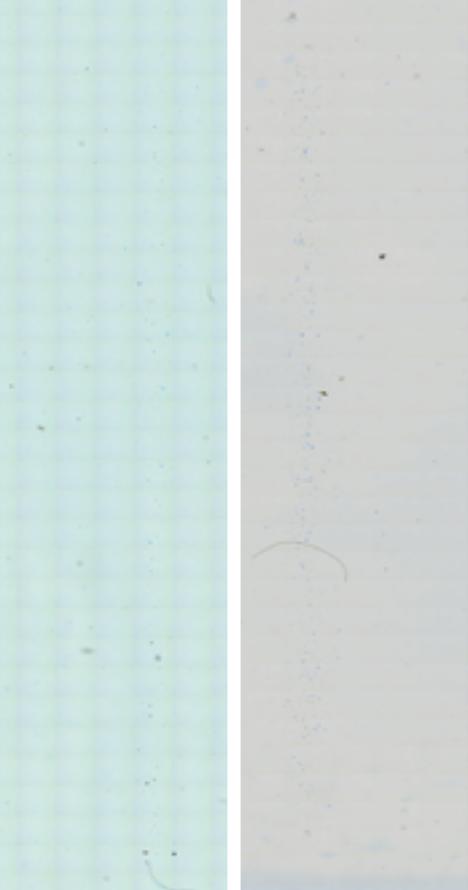
Basement

Trace 4x

30x Zoomed

Outside

Inside



Notable Objects



Insect Part

Skin Fragment Human

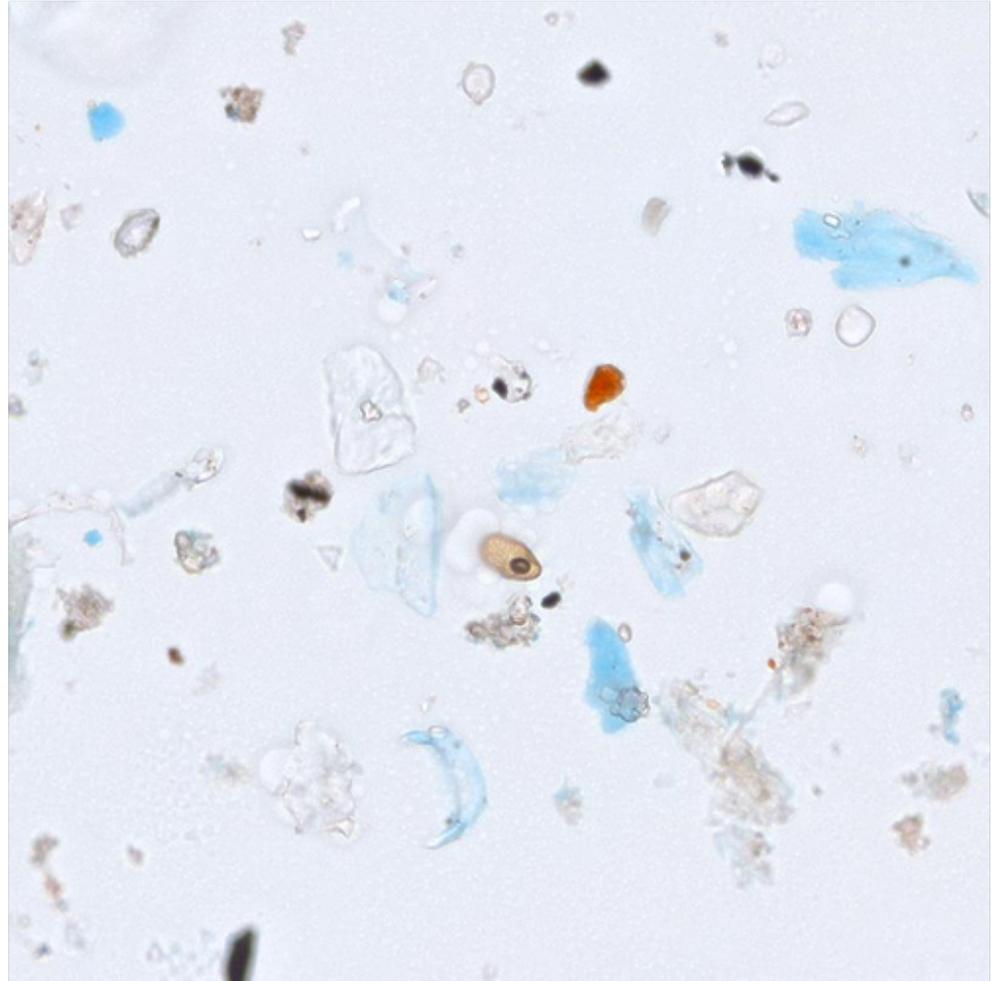
Upstairs

Trace 4x

30x Zoomed

Outside

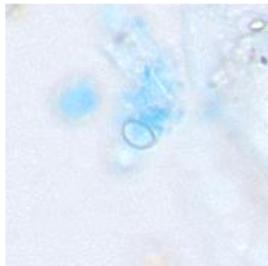
Inside



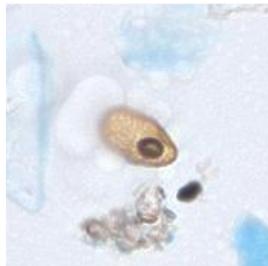
Notable Objects



Ascospore



Basidiospore



Cladosporium



Cladosporium



Hypha



Smut, Periconia, and Myxomycete-like



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.

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