sporecyte

MOLD & AIR QUALITY REPORT



PREPARED FOR

John Doe

ADDRESS

123 Any Street
Owensboro, KY 42303

SAMPLE DATE

10/11/2026

SAMPLED BY

Infinity Home Inspection
Eddie Bittner
270-223-6741

SAMPLE RECEIVED

10/12/2026

ANALYSIS DATE

10/12/2026

REPORT DATE

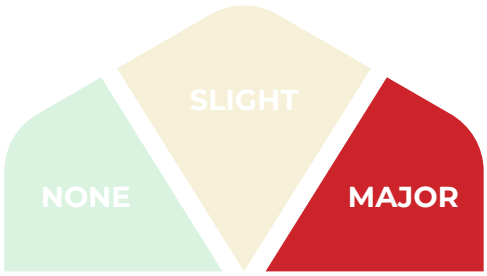
10/12/2026

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

PRIMARY BEDROOM



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.

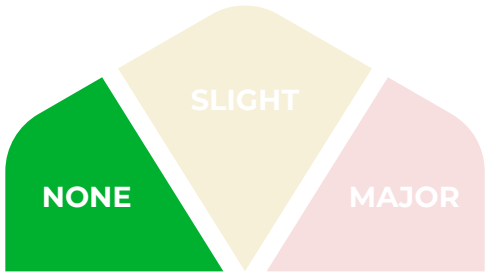
These results are a strong indication that there is a possibility of mold or moisture problems in the home.

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.

HALLWAY



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.

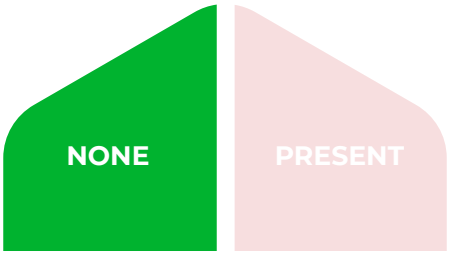
RECOMMENDATIONS

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

KITCHEN SINK



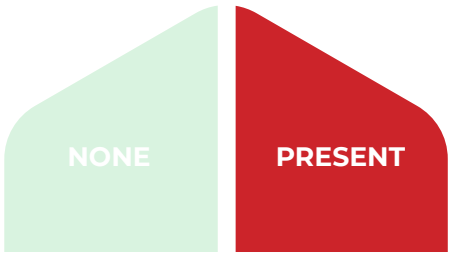
MOLD GROWTH

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.

PRIMARY BATHROOM BATHTUB



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		
	Primary Bedroom	Hallway	Outdoors
Asp/Pen String	0	13	0
Chaetomium	0	0	0
Clado-Sphaerospermum	0	0	0
Fusarium	0	0	0
Gliomastix	0	0	0
Scopulariopsis	0	0	0
Stachybotrys	27	0	0
Trichoderma	0	0	0
Ulocladium	13	0	13
Wallemia	0	0	0

Indoor / Outdoor

Fungal Classifications	Spores Found per m³		
	Primary Bedroom	Hallway	Outdoors
Alternaria-like	0	27	80
Aspergillus / Penicillium	93	107	27
Cladosporium	80	120	707

Predominantly Outdoor

Fungal Classifications	Spores Found per m³		
	Primary Bedroom	Hallway	Outdoors
Arthrinium	0	0	0
Ascospore	13	40	320
Basidiospore	0	40	440
Bipolaris	0	0	13
Botrytis	0	0	120
Cercospora	0	0	0
Chaetoconis	0	0	0
Coelomycete	0	0	0
Curvularia	0	0	0
Epicoccum	53	40	280
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	80
Pyricularia	0	0	27
Smut, Periconia, and Myxomycete-like	133	147	947
Spegazzinia	0	0	27
Stemphylium	0	0	0
Torula	0	0	0
Unidentified Spore	0	0	0
Urediniospores	0	0	0
Zygophiala	0	0	0
Total	413	520	3080

Particulates

Non-Fungal Particulate	Particles Found per m³		
	Primary Bedroom	Hallway	Outdoors
Hypha	27	13	40
Pollen	13	13	67
Skin Fragment Human	707	707	107
Skin Fragment Animal	360	293	67
Carbon Dust	773	1293	3173
Soil	187	133	280
Starch	27	40	13
Fiber	27	27	40
Total Particulate < 2.5 µm	1040	920	6507
Total Particulate 2.5 - 10 µm	4467	6173	18013
Total Particulate > 10 µm	4413	6787	7653

Primary Bedroom

Trace 4x

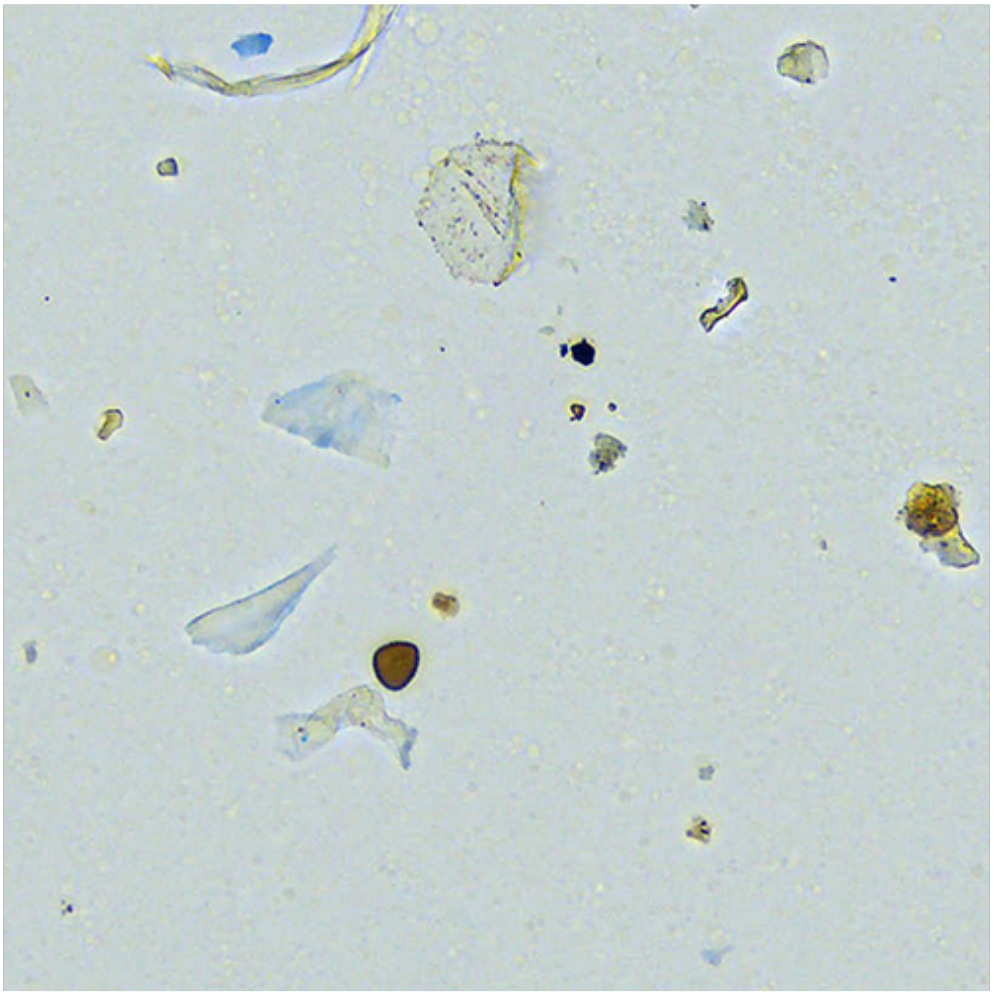
Outside



Inside



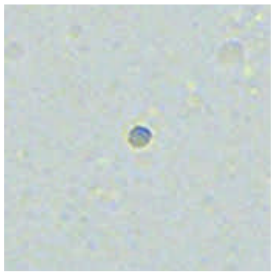
30x Zoomed



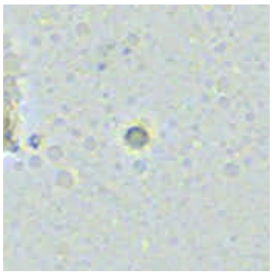
Notable Objects



Ascospore



Aspergillus / Penicillium



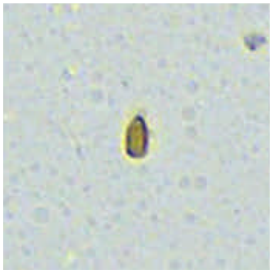
Aspergillus / Penicillium



Cladosporium



Cladosporium



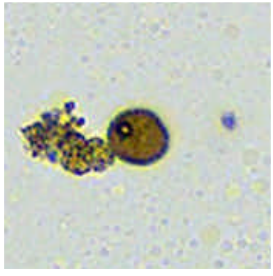
Cladosporium



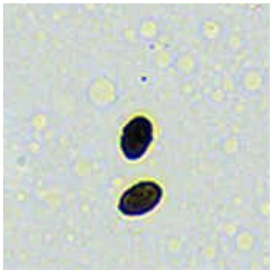
Epicoccum



Smut, Periconia, and Myxomycete-like



Smut, Periconia, and Myxomycete-like



Stachybotrys

Hallway

Trace 4x

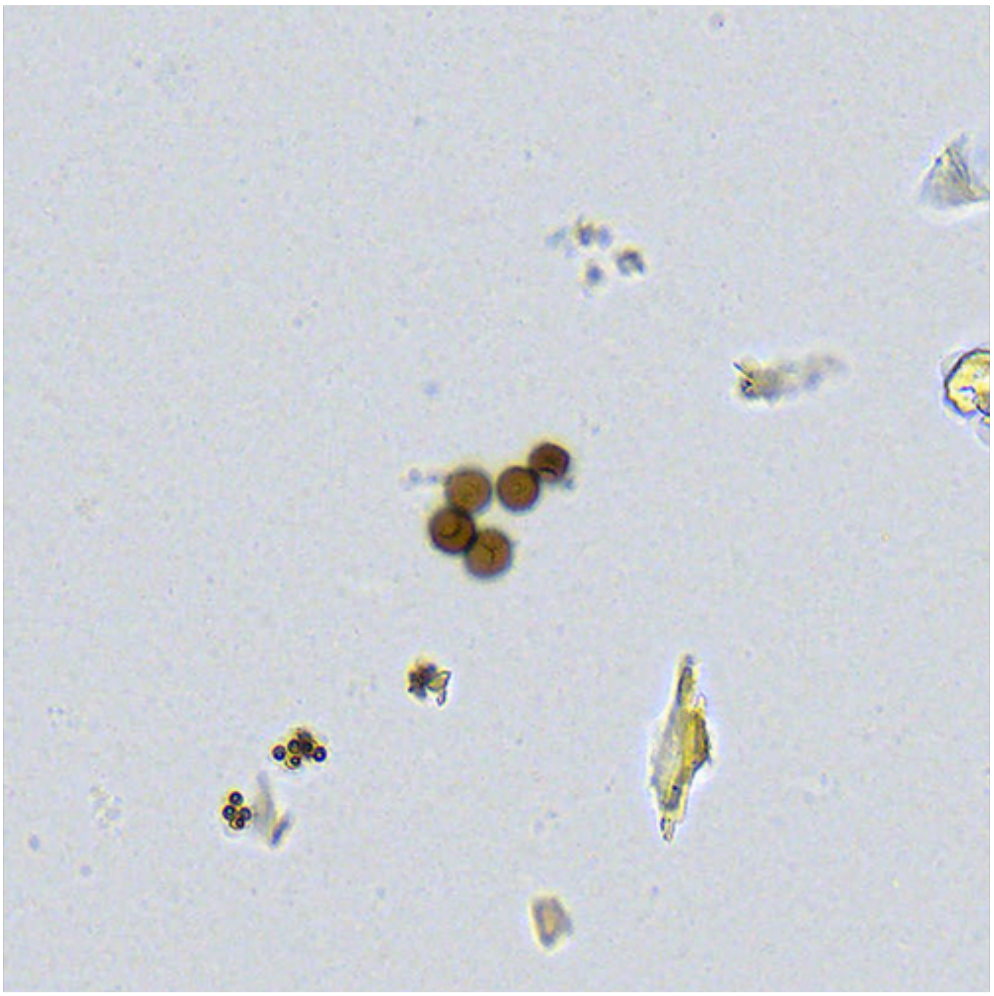
Outside



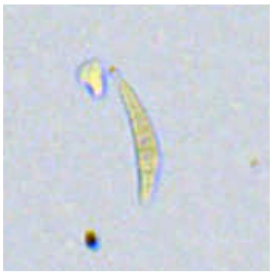
Inside



30x Zoomed



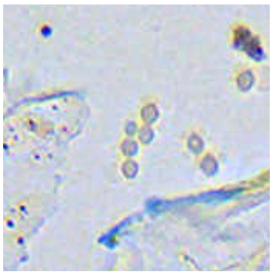
Notable Objects



Ascospore



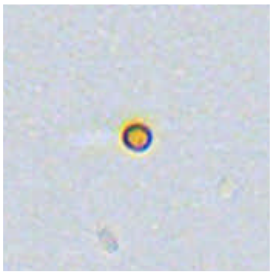
Ascospore



Asp/Pen String



Aspergillus / Penicillium



Basidiospore



Basidiospore



Cladosporium



Cladosporium



Cladosporium

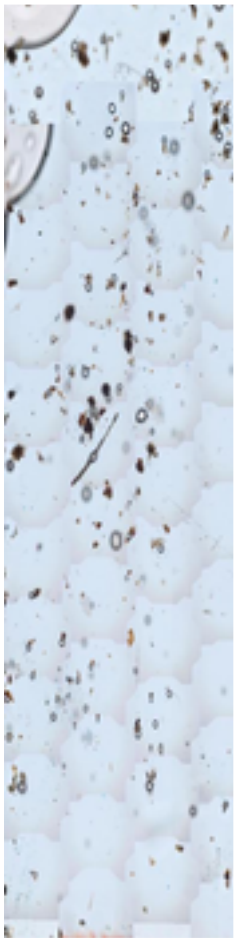


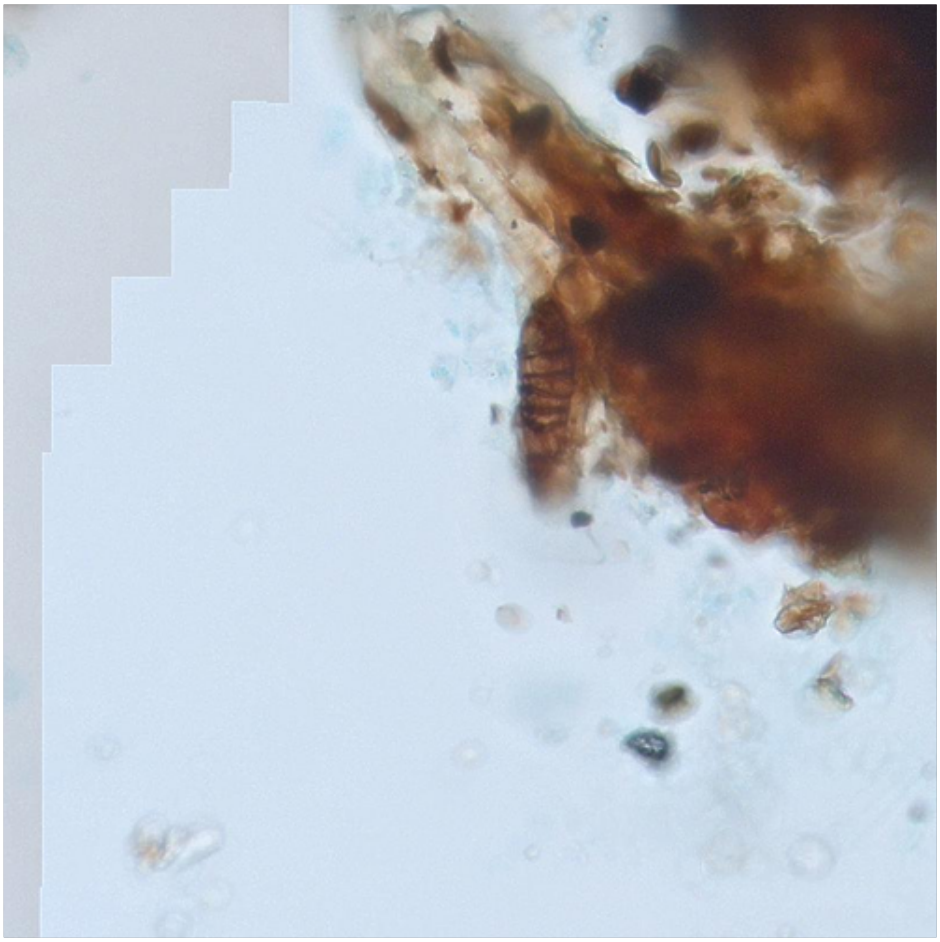
Epicoccum

Surface Samples

Sample ID: Kitchen Sink	Sample Type: Tape

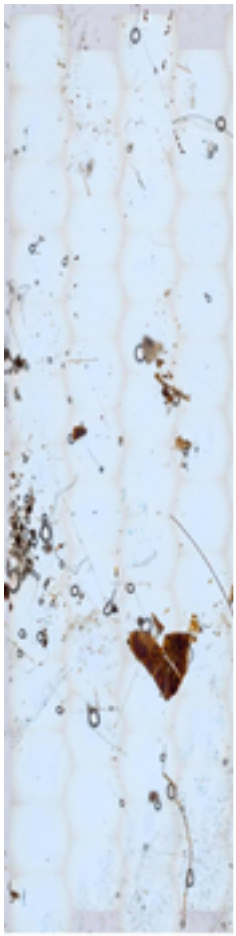
Fungal Identification	Fungal Growth	Background Spores
Aspergillus / Penicillium	–	Present
Basidiospore	–	Present
Chaetomium	–	Present
Hypha	–	Present
Ulocladium	–	Present

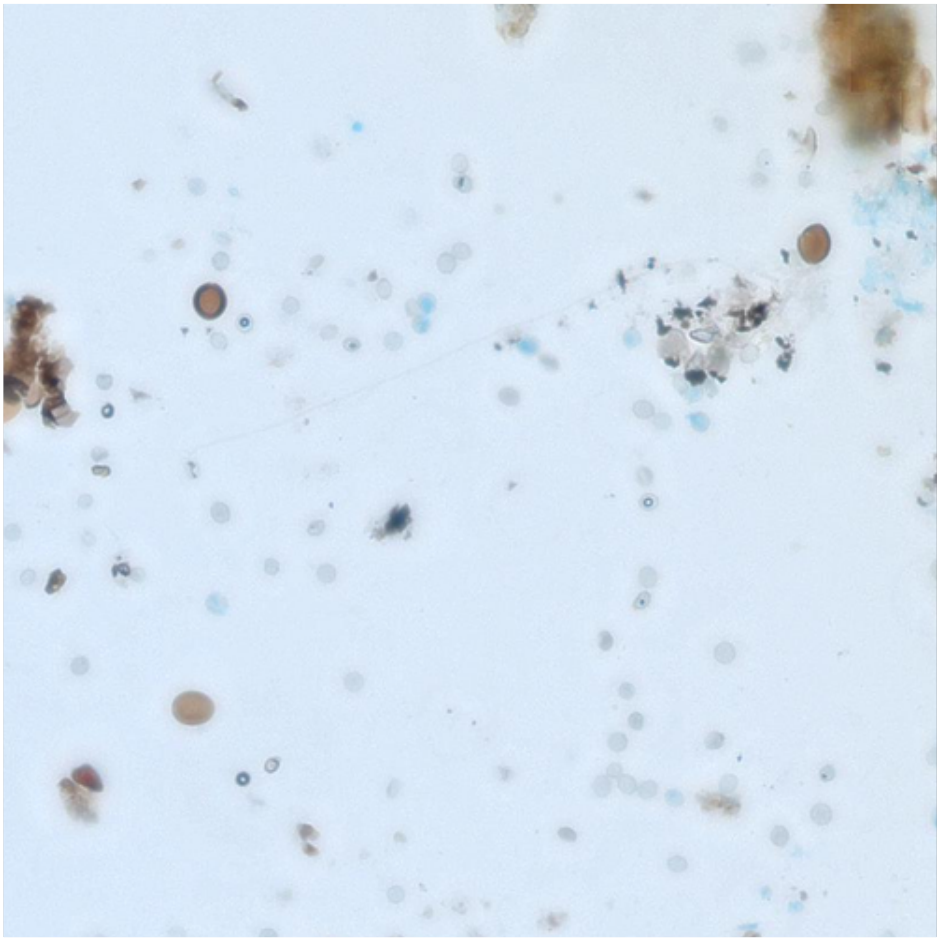




Sample ID: Primary bathroom bathtub — Sample Type: Tape

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





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!

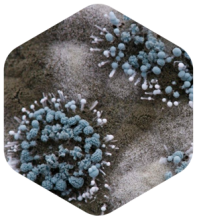
A FEW THINGS TO KNOW ABOUT MOLD



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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