

MOLD & AIR QUALITY REPORT



PREPARED FOR

Jessup White

ADDRESS

39018 US-75, Stephen, MN 56757, USA

SAMPLED BY

Blue Door Home Inspections

Jon Knutson

7017400980

SAMPLE DATE

10/2/2023

SAMPLE RECEIVED

10/3/2023

REPORT DATE

10/3/2023

CERTIFIED BY

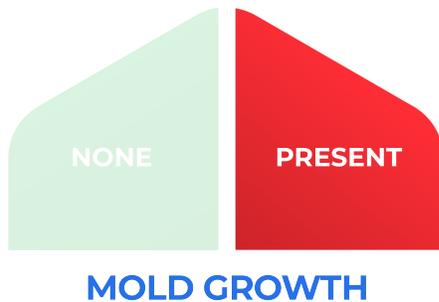




Dylan McIntosh
CIH, PAACB Certified Spore Analyst

SURFACE TEST RESULTS

FURNACE SURFACE



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 Sample

Predominantly Indoor - Water Related

Fungal Classifications	Spores Found per m ³	
	Basement	Outside
Asp/Pen String	27	40
Chaetomium	27	27
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	
	Basement	Outside
Alternaria-like	27	467
Aspergillus / Penicillium	253	320
Cladosporium	0	2573

Predominantly Outdoor

Fungal Classifications	Spores Found per m ³	
	Basement	Outside
Arthrinium	0	0
Ascospore	0	27
Basidiospore	53	2386
Bipolaris	0	0
Botrytis	0	0
Cercospora	0	0
Chaetoconis	0	0
Coelomycete	0	0
Curvularia	0	0
Epicoccum	0	67
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	13
Pyricularia	0	0
Smut, Periconia, and Myxomycete-like	0	0
Spegazzinia	0	0
Stemphylium	0	0
Torula	0	0
Unidentified Spore	0	0
Urediniospores	0	0
Zygophiala	0	0
Total	373	5879

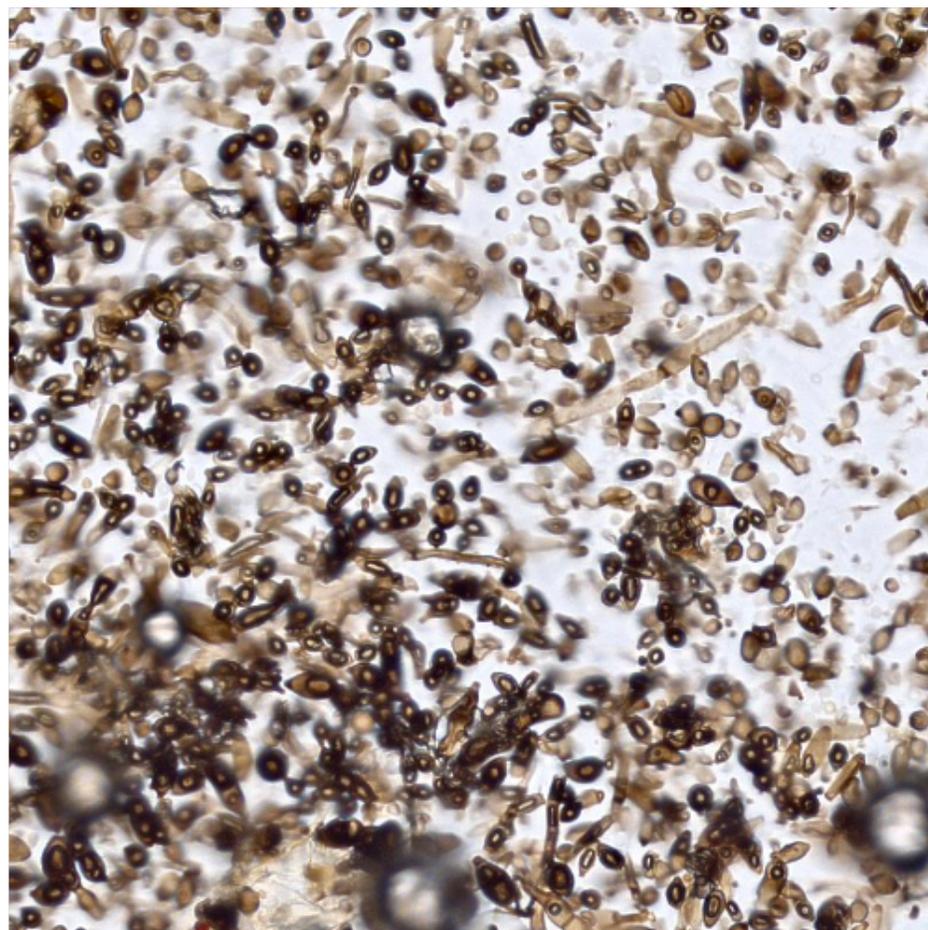
Particulates

Non-Fungal Particulate	Particles Found per m ³	
	Basement	Outside
Hypha	13	413
Pollen	0	0
Skin Fragment Human	213	67
Skin Fragment Animal	107	27
Carbon Dust	3333	4172
Soil	1746	1346
Starch	0	147
Fiber	160	80
Total Particulate < 2.5 µm	22914	9544
Total Particulate 2.5 - 10 µm	23181	40630
Total Particulate > 10 µm	10437	11504

Surface Sample

Sample ID: Furnace Surface Sample Type: Tape

Fungal Identification	Fungal Growth	Background Spores
Aspergillus / Penicillium	Heavy	—
Cladosporium	Heavy	—
Hypha	Heavy	—
Stachybotrys	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 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.

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.