SPORECYTE

MOLD & AIR QUALITY REPORT

SAMPLE DATE
9/25/2023

SAMPLE RECEIVED
9/26/2023

REPORT DATE
9/26/2023

PREPARED FOR
BNJ

ADDRESS
Montecito, CA 93108, USA

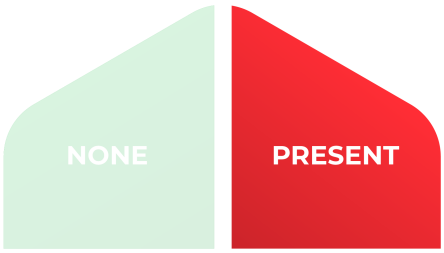
SAMPLED BY
Pure Maintenance of Santa Barbara (38322)
Tony Martinez
8056810450

CERTIFIED BY
PanAmerican Aerobiology Spore Analyst Certification Board
Dylan McIntosh
101/5164
Dylan McIntosh
CIH, PAACB Certified Spore Analyst

SPORECYTE

SURFACE TEST RESULTS

BATHROOM (EXPOSED FRAME)



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 Sample

Predominantly Indoor - Water Related

Fungal Classifications	Spores Found per m³	
	Living	Bathroom
Asp/Pen String	160	333
Chaetomium	0	27
Clado-Sphaerospermum	0	0
Fusarium	0	0
Gliomastix	0	0
Scopulariopsis	0	0
Stachybotrys	13	13
Trichoderma	0	0
Ulocladium	0	0
Wallemia	0	0

Indoor / Outdoor

Fungal Classifications	Spores Found per m³	
	Living	Bathroom
Alternaria-like	0	0
Aspergillus / Penicillium	1893	3879
Cladosporium	93	360

Predominantly Outdoor

Fungal Classifications	Spores Found per m³	
	Living	Bathroom
Arthrinium	0	0
Ascospore	13	27
Basidiospore	67	93
Bipolaris	0	0
Botrytis	0	0
Cercospora	0	0
Chaetoconis	0	0
Coelomycete	0	0
Curvularia	0	0
Epicoccum	0	0
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	0
Pyricularia	0	0
Smut, Periconia, and Myxomycete-like	27	0
Spegazzinia	0	0
Stemphylium	0	0
Torula	0	0
Unidentified Spore	0	0
Urediniospores	0	0
Zygophiala	0	0
Total	2106	4399

Particulates

Non-Fungal Particulate	Particles Found per m³	
	Living	Bathroom
Hypha	80	93
Pollen	0	27
Skin Fragment Human	706	1066
Skin Fragment Animal	453	413
Carbon Dust	7545	9638
Soil	1746	1800
Starch	27	27
Fiber	467	387
Total Particulate < 2.5 µm	14316	22941
Total Particulate 2.5 - 10 µm	92470	88325
Total Particulate > 10 µm	28086	21755

Predominantly Indoor - Water Related

Fungal Classifications	Spores Found per m³	
	Kitchen	Outside
Asp/Pen String	93	13
Chaetomium	0	0
Clado-Sphaerospermum	0	0
Fusarium	0	0
Gliomastix	0	0
Scopulariopsis	0	0
Stachybotrys	0	0
Trichoderma	0	0
Ulocladium	0	13
Wallemia	0	0

Indoor / Outdoor

Fungal Classifications	Spores Found per m³	
	Kitchen	Outside
Alternaria-like	0	13
Aspergillus / Penicillium	1666	173
Cladosporium	93	40

Predominantly Outdoor

Fungal Classifications	Spores Found per m³	
	Kitchen	Outside
Arthrinium	0	0
Ascospore	13	0
Basidiospore	133	53
Bipolaris	0	0
Botrytis	0	0
Cercospora	0	0
Chaetoconis	0	0
Coelomycete	0	0
Curvularia	0	0
Epicoccum	0	13
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	0
Pyricularia	0	0
Smut, Periconia, and Myxomycete-like	0	0
Spegazzinia	0	0
Stemphylium	0	0
Torula	0	13
Unidentified Spore	0	13
Urediniospores	0	0
Zygophiala	0	0
Total	1906	333

Particulates

Non-Fungal Particulate	Particles Found per m³	
	Kitchen	Outside
Hypha	27	27
Pollen	0	0
Skin Fragment Human	1533	80
Skin Fragment Animal	387	133
Carbon Dust	1680	4159
Soil	3492	986
Starch	0	120
Fiber	693	107
Total Particulate < 2.5 µm	13797	16529
Total Particulate 2.5 - 10 µm	27913	28753
Total Particulate > 10 µm	6252	10237

Predominantly Indoor - Water Related

Fungal Classifications	Spores Found per m³
	Bedroom
Asp/Pen String	253
Chaetomium	13
Clado-Sphaerospermum	0
Fusarium	0
Gliomastix	0
Scopulariopsis	0
Stachybotrys	0
Trichoderma	0
Ulocladium	13
Wallemia	0

Indoor / Outdoor

Fungal Classifications	Spores Found per m³
	Bedroom
Alternaria-like	0
Aspergillus / Penicillium	2666
Cladosporium	307

Predominantly Outdoor

Fungal Classifications	Spores Found per m³
	Bedroom
Arthrinium	0
Ascospore	13
Basidiospore	40
Bipolaris	0
Botrytis	0
Cercospora	0
Chaetoconis	0
Coelomycete	0
Curvularia	0
Epicoccum	0
Mitospore	0
Myrothecium	0
Nigrospora	0
Oidium	0
Paecilomyces	0
Peronospora	0
Pestilotiopsis	0
Pithomyces	0
Polythrincium	0
Pyricularia	0
Smut, Periconia, and Myxomycete-like	13
Spegazzinia	0
Stemphylium	0
Torula	13
Unidentified Spore	13
Urediniospores	13
Zygophiala	0
Total	3106

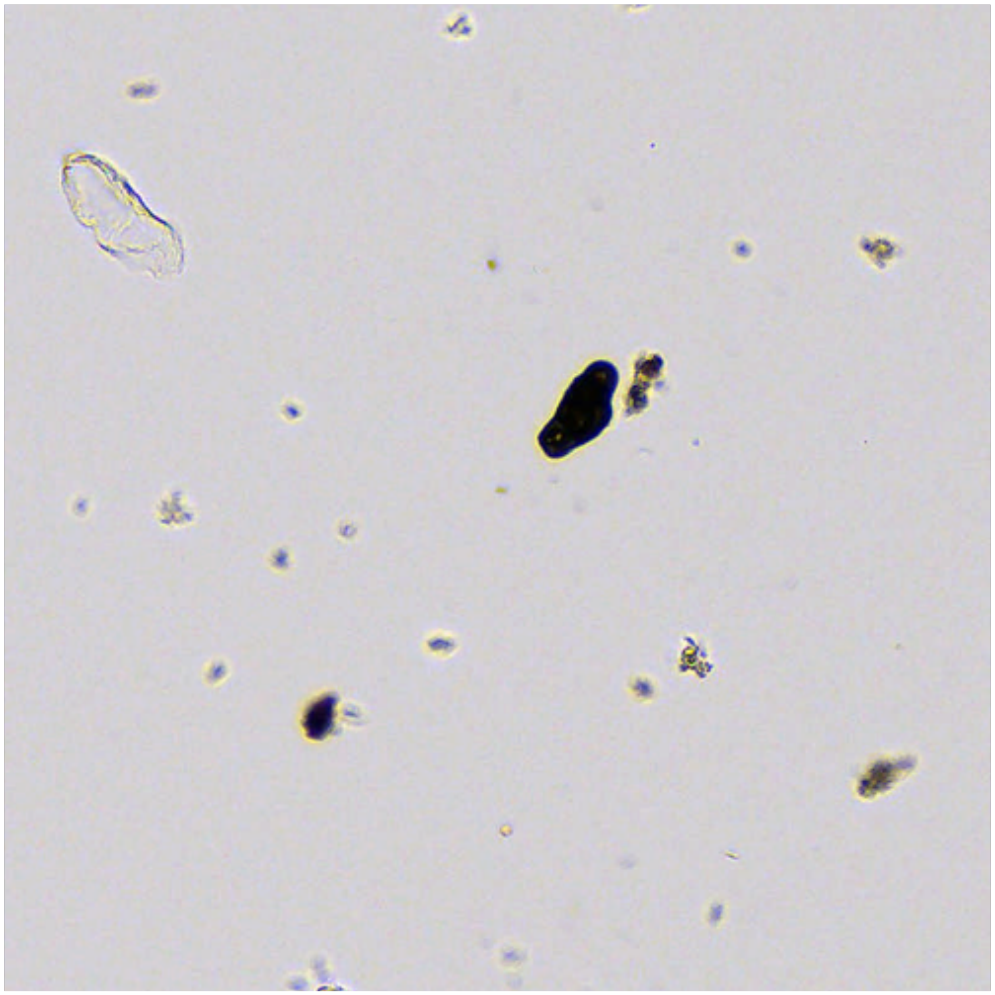
Particulates

Non-Fungal Particulate	Particles Found per m³
	Bedroom
Hypha	93
Pollen	27
Skin Fragment Human	2133
Skin Fragment Animal	1066
Carbon Dust	7651
Soil	4039
Starch	107
Fiber	706
Total Particulate < 2.5 µm	15316
Total Particulate 2.5 - 10 µm	67410
Total Particulate > 10 µm	26673

Living

Trace 4x

30x Zoomed



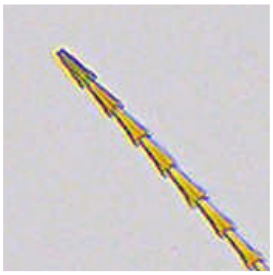
Notable Objects

Ascospore

Asp/Pen String

Cladosporium

Hypha



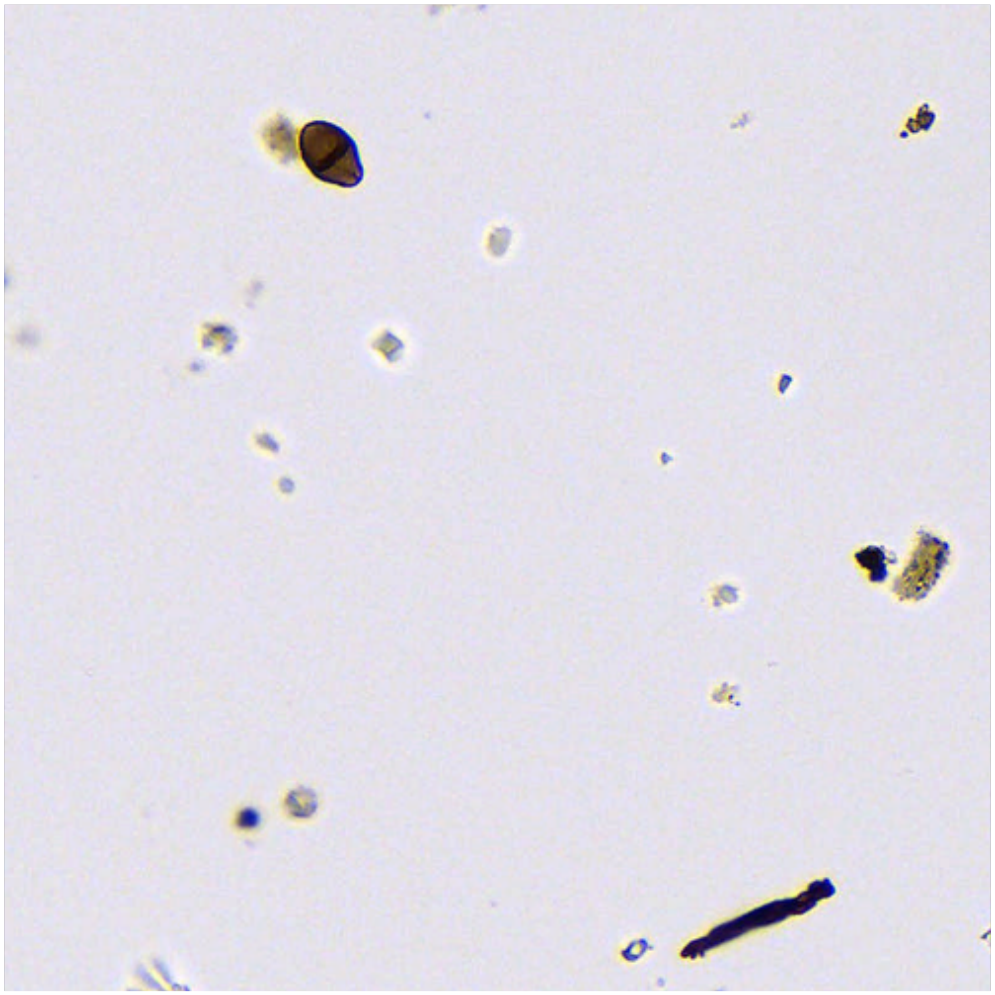
Insect Part

Smut, Periconia, and Myxomycete-like

Stachybotrys

Bathroom

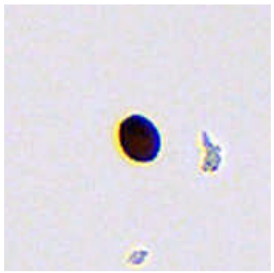
Trace 4x 30x Zoomed



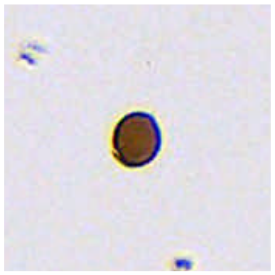
Notable Objects

Ascospore

Asp/Pen String



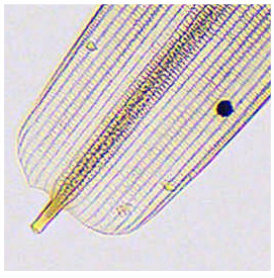
Basidiospore



Chaetomium

Cladosporium

Hypha



Insect Part

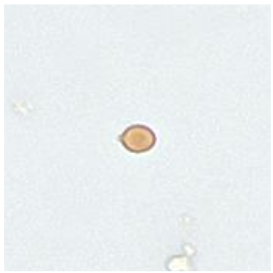
Pollen

Kitchen

Trace 4x 30x Zoomed

Notable Objects

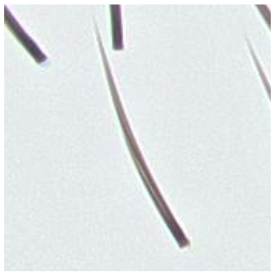
Asp/Pen String



Basidiospore

Cladosporium

Hypha



Insect Part

Outside

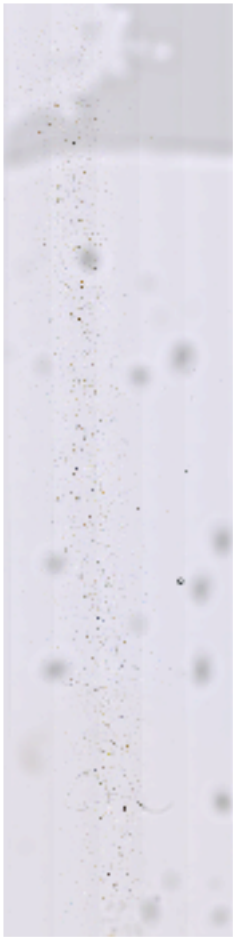
Trace 4x

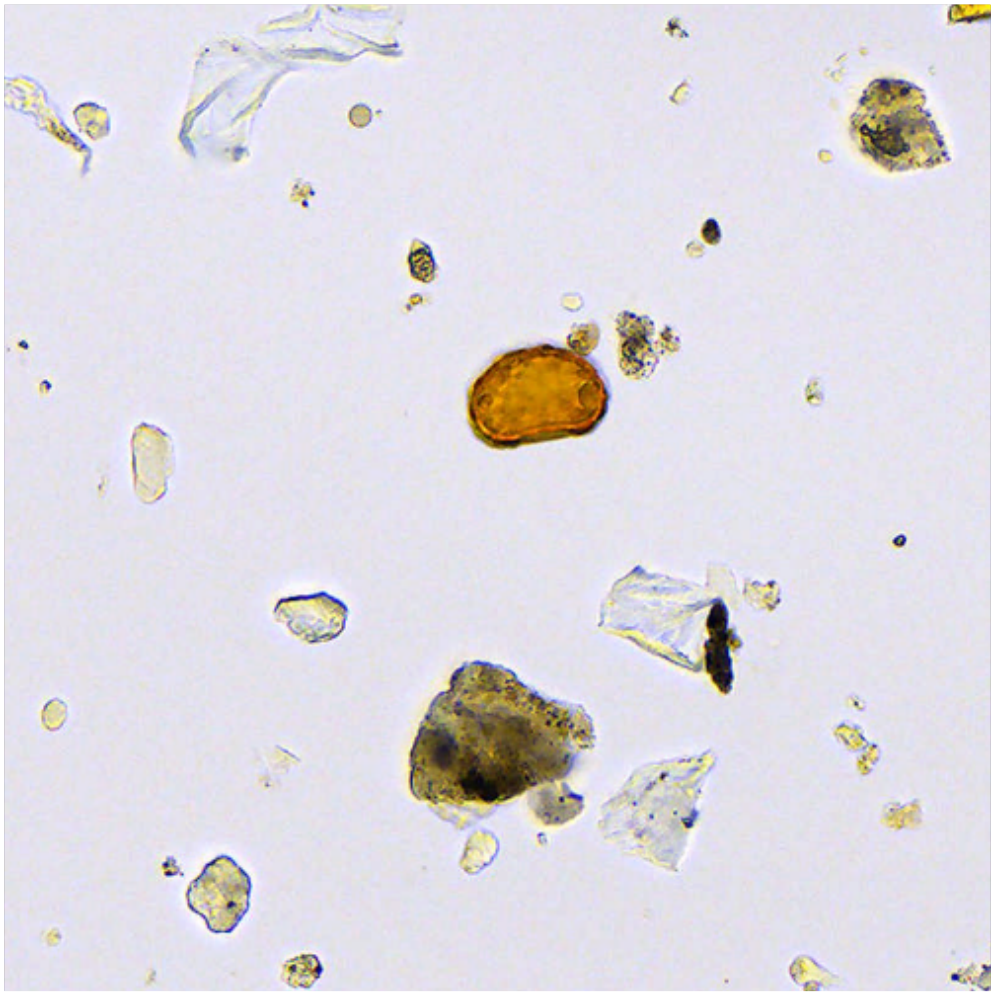
30x Zoomed

Notable Objects

Bedroom

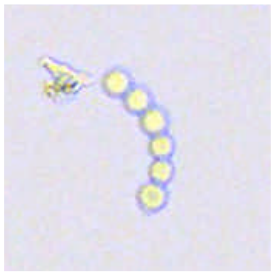
Trace 4x 30x Zoomed



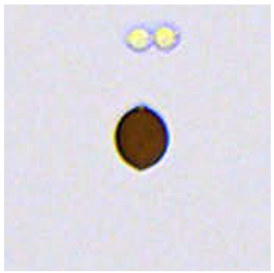


Notable Objects

Ascospore



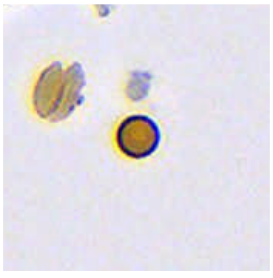
Asp/Pen String



Chaetomium

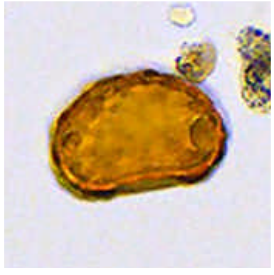
Cladosporium

Hypha



Smut, Periconia, and Myxomycete-like

Torula

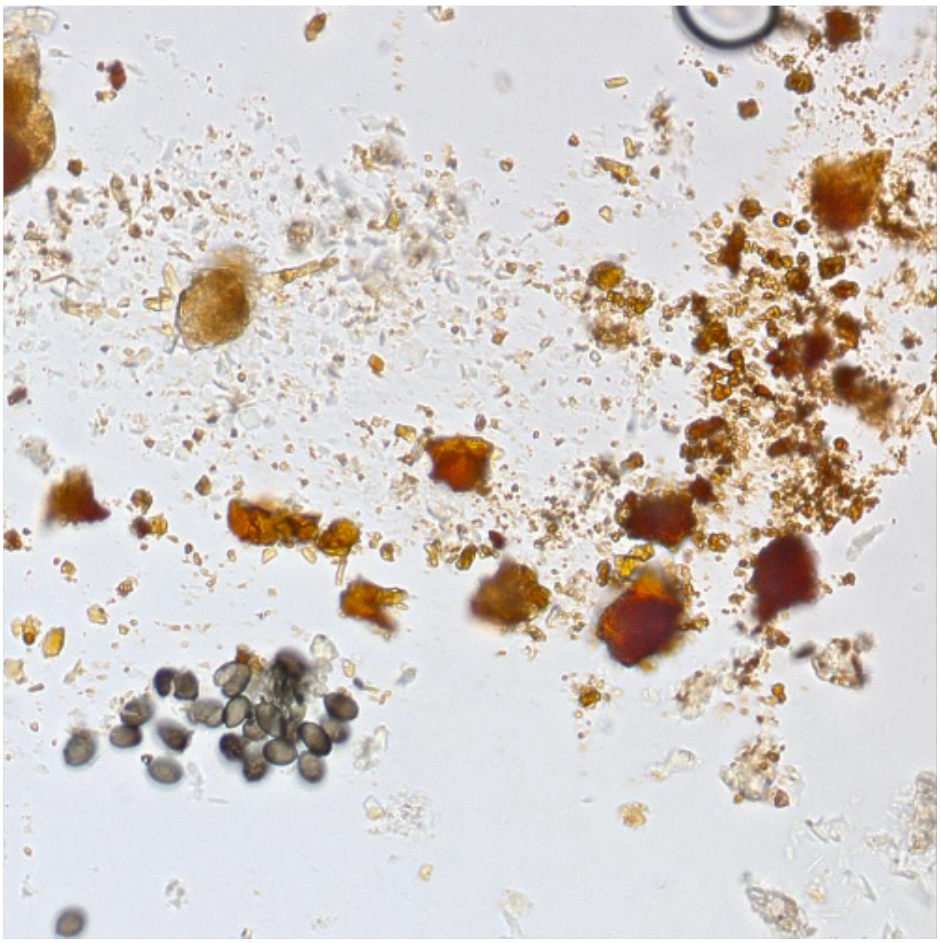


Urediniospores

Surface Sample

Sample ID: Bathroom (Expos... Sample Type: Tape

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

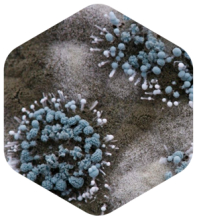
This makes our analyses more consistent and thorough than the current standards in traditional environmental laboratories.

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. It 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 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 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.

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.

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