SPORECYTE

MOLD & AIR QUALITY REPORT

SAMPLE DATE
12/12/2021

SAMPLE RECEIVED
12/10/2021

REPORT DATE
2/9/2022

PREPARED FOR

Sporecyte Sample Report
888-878-3249

ADDRESS

1106 N 1200 W, Orem, UT 84057, USA

SAMPLED BY

Test Client Ltd.
John Doe
801-222-3456

Property Inspection Solutions

PanAmerican Aerobiology Spore Analyst
Dylan McIntosh
101-9164
Certification Board

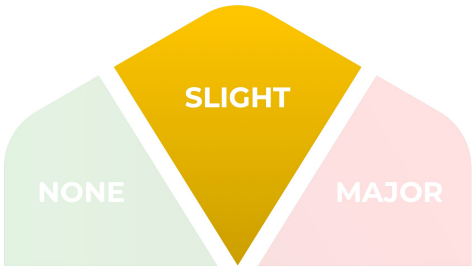
CERTIFIED BY

Dylan McIntosh
CIH, PAACB Certified Spore Analyst

SPORECYTE

AIRBORNE TEST RESULTS

KITCHEN



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.

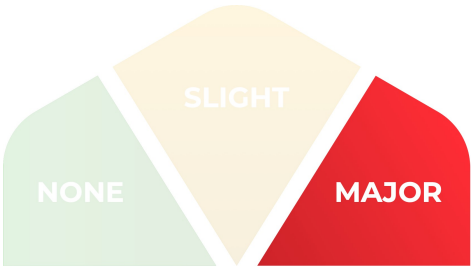
This result indicates that there is a possibility of mold and moisture problems in the home.

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 consulation with a mold expert.

BASEMENT



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

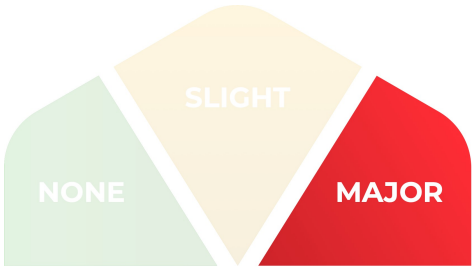
Sporecyte strongly recommends hiring a qualified mold professional to do a detailed assessment of the property for mold and moisture issues.

See our Resources section on our website for more information or to book a consulation with a mold expert.

SPORECYTE

AIRBORNE TEST RESULTS

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

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Air Sample

Predominantly Indoor - Water Related

Fungal Classifications	Spores Found per m³		
	Kitchen	Basement	Outdoors
Aspergillus / Penicillium Chains	0	360	40
Chaetomium	0	0	0
Clado-Sphaerospermum	0	173	53
Fusarium	0	0	0
Gliomastix	0	0	0
Scopulariopsis	0	27	0
Stachybotrys	0	0	0
Ulocladium	0	0	0
Wallemia	0	0	0

Indoor / Outdoor

Fungal Classifications	Spores Found per m³		
	Kitchen	Basement	Outdoors
Alternaria-like	67	0	27
Aspergillus / Penicillium	1800	8145	1440
Cladosporium	933	933	2907

Predominantly Outdoor

Fungal Classifications	Spores Found per m³		
	Kitchen	Basement	Outdoors
Arthrinium	0	0	520
Ascospore	1867	10331	2933
Basidiospore	27133	5199	8400
Bipolaris	0	0	440
Bispora	0	0	0
Botrytis	0	0	0
Brachysporium-like	0	0	0
Cercospora	0	0	67
Chaetoconis	0	13	0
Coelomycete	0	0	0
Curvularia	0	0	160
Epicoccum	0	0	40
Exosporium	0	0	0
Fusicladium	0	0	0
Lasiosphaeria	0	0	0
Mitospore	133	0	53
Myrothecium	67	0	13
Nigrospora	0	0	53
Oidium	0	13	0
Paecilomyces	0	13	0
Peronospora	0	0	13
Pestilotiopsis	67	0	0
Pithomyces	0	80	173
Polythrincium	0	0	0
Pyricularia	0	27	27
Smut, Periconia, and Myxomycete-like	267	133	1120
Spegazzinia	0	0	360
Stemphylium	0	13	0
Torula	0	0	13
Trichocladium	0	0	0
Unidentified Spore	133	0	373
Urediniospores	0	0	93
Zygomycetes	0	0	0
Zygophiala	0	0	0
Total	32933	24927	19640

Particulates

Non-Fungal Particulate	Particles Found per m³		
	Kitchen	Basement	Outdoors
Hyphal Fragments	467	0	413
Pollen	200	80	200
Skin Fragments - Human	1733	200	693
Skin Fragments - Animal	133	213	93
Carbon	6133	360	1387
Soil	5200	320	2853
Unidentified Particulate: <2.5 µm	149000	30939	39653
Unidentified Particulate: 2.5 - 10 µm	40000	5879	11747
Unidentified Particulate: >10 µm	4000	120	1280

Predominantly Indoor - Water Related

Fungal Classifications	Spores Found per m³	Outdoors
Aspergillus / Penicillium Chains	5345	40
Chaetomium	0	0
Clado-Sphaerospermum	0	53
Fusarium	0	0
Gliomastix	0	0
Scopulariopsis	0	0
Stachybotrys	13	0
Ulocladium	0	0
Wallemia	0	0

Indoor / Outdoor

Fungal Classifications	Spores Found per m³	Outdoors
Alternaria-like	0	27
Aspergillus / Penicillium	101308	1440
Cladosporium	3426	2907

Predominantly Outdoor

Fungal Classifications	Spores Found per m³ Outdoors	
Arthrinium	0	520
Ascospore	746	2933
Basidiospore	19822	8400
Bipolaris	0	440
Bispora	0	0
Botrytis	0	0
Brachysporium-like	0	0
Cercospora	0	67
Chaetoconis	0	0
Coelomycete	0	0
Curvularia	0	160
Epicoccum	13	40
Exosporium	0	0
Fusicladium	0	0
Lasiosphaeria	0	0
Mitospore	67	53
Myrothecium	0	13
Nigrospora	0	53
Oidium	13	0
Paecilomyces	0	0
Peronospora	0	13
Pestilotiopsis	0	0
Pithomyces	0	173
Polythrincium	0	0
Pyricularia	0	27
Smut, Periconia, and Myxomycete-like	613	1120
Spegazzinia	0	360
Stemphylium	0	0
Torula	13	13
Trichocladium	0	0
Unidentified Spore	0	373
Urediniospores	0	93
Zygomycetes	0	0
Zygophiala	0	0
Total	126302	19640

Particulates

Non-Fungal Particulate	Particles Found per m³	
	Bedroom	Outdoors
Hyphal Fragments	267	413
Pollen	67	200
Skin Fragments - Human	2146	693
Skin Fragments - Animal	147	93
Carbon	4026	1387
Soil	6238	2853
Unidentified Particulate: <2.5 µm	44695	39653
Unidentified Particulate: 2.5 - 10 µm	71822	11747
Unidentified Particulate: >10 µm	1813	1280

Kitchen

Trace 4x

Outside

Inside

30x Zoomed

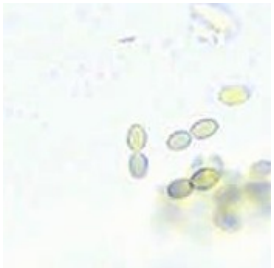
Notable Objects

Alternaria-like

Ascospore

Ascospore

Ascospore



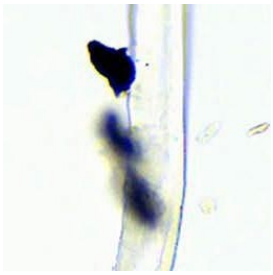
Aspergillus / Penicillium

Basidiospore

Basidiospore

Cladosporium

Fiber



Hair

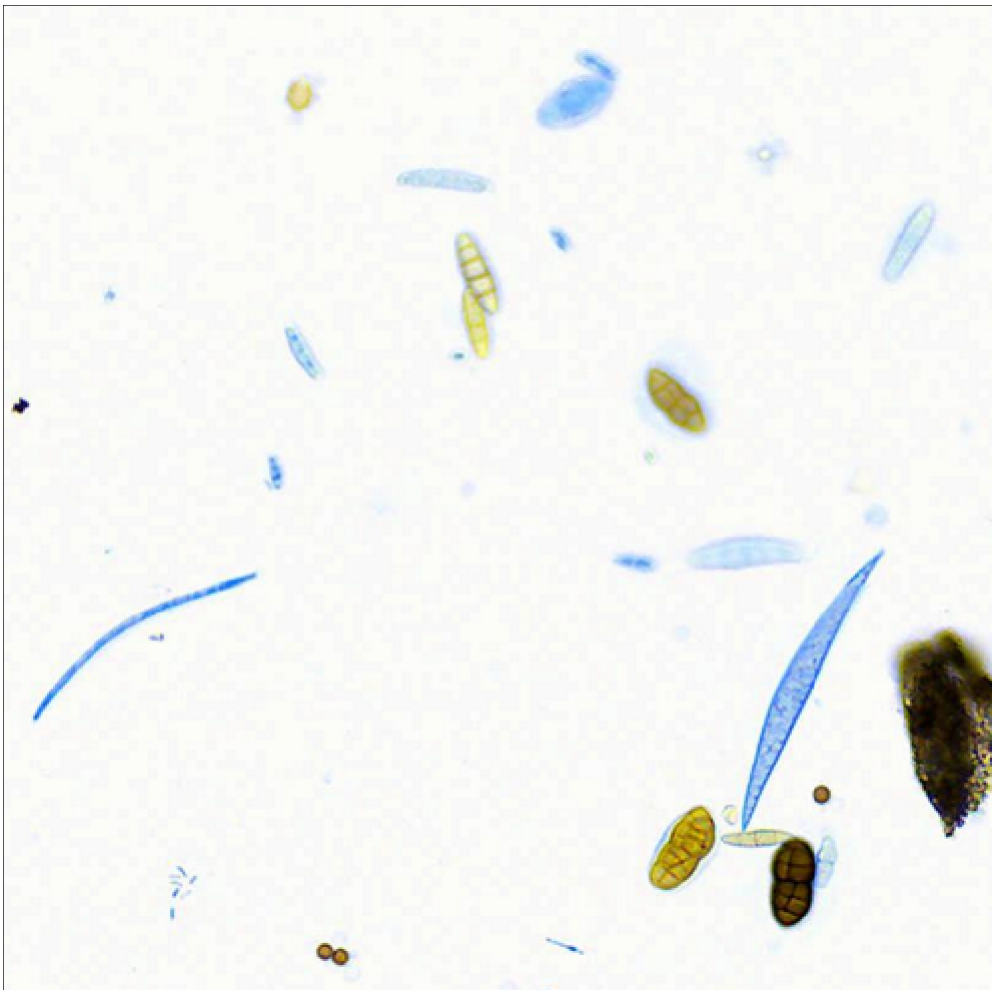
Basement

Trace 4x

Outside

Inside

30x Zoomed



Notable Objects

Ascospore

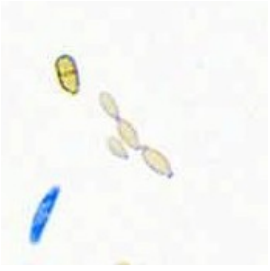
Ascospore

Ascospore

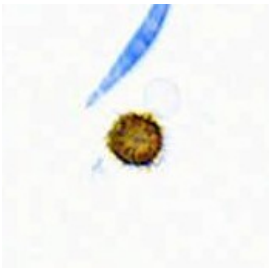
Aspergillus / Penicillium Chains

Aspergillus / Penicillium Chains

Chaetoconis



Cladosporium



Smut, Periconia, and Myxomycete-like

Stemphylium

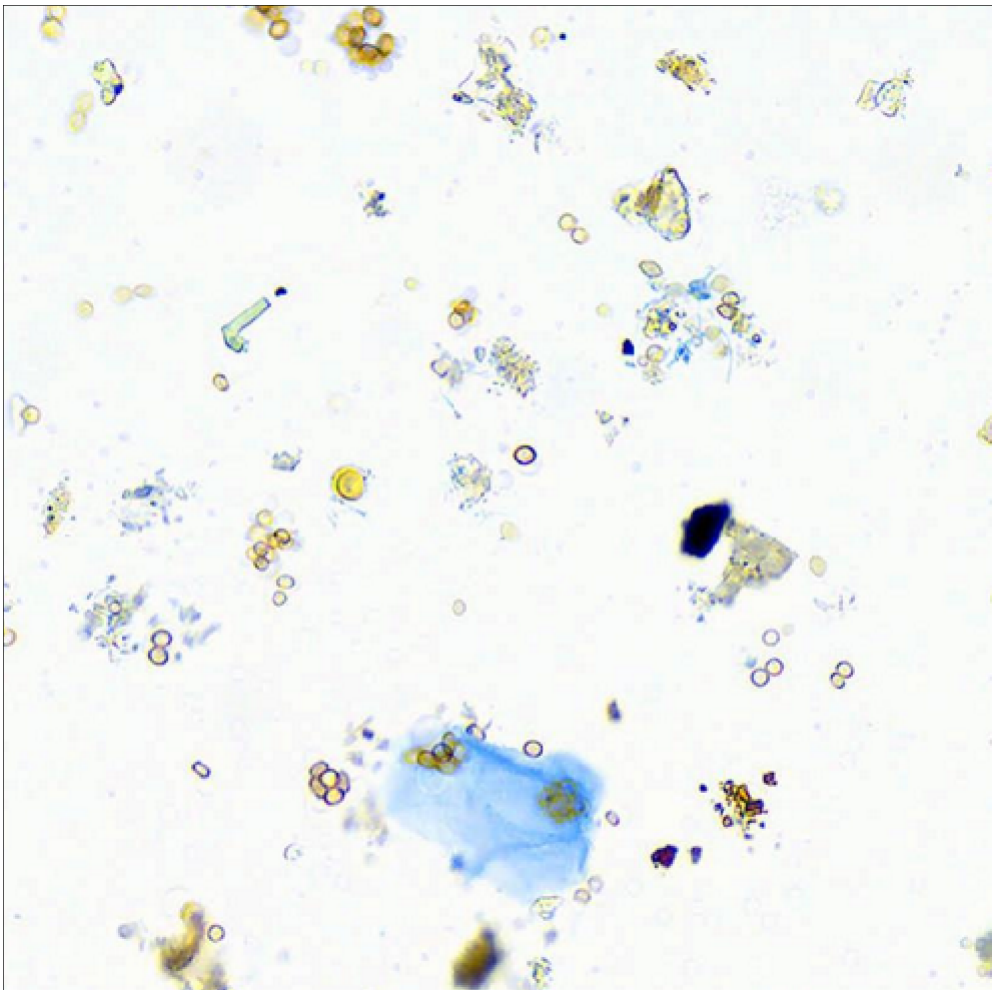
Bedroom

Trace 4x

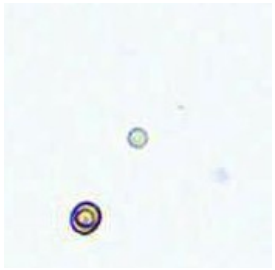
Outside

Inside

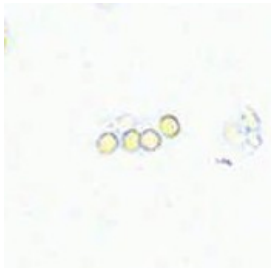
30x Zoomed



Notable Objects

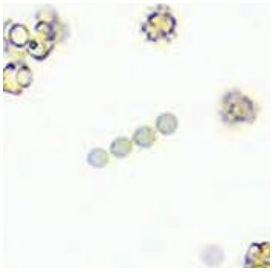


Aspergillus / Penicillium



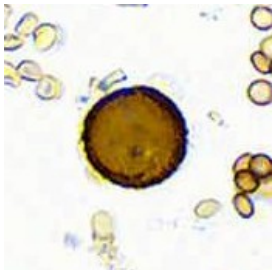
Aspergillus / Penicillium Chains

Aspergillus / Penicillium Chains



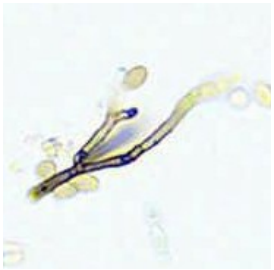
Aspergillus / Penicillium Chains

Aspergillus / Penicillium Chains

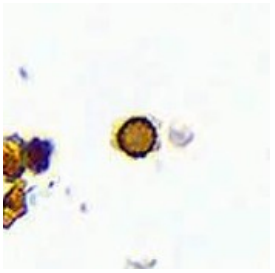


Epicoccum

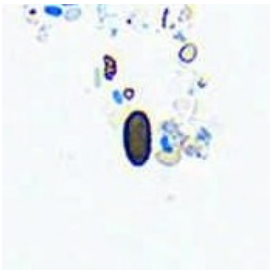
Hyphal Fragments



Hyphal Fragments



Smut, Periconia, and Myxomycete-like



Stachybotrys

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.

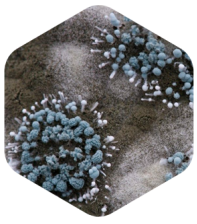
This makes our analyses more consistent and thorough than the current standards in traditional environmental laboratories.

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.



laturally occurring mold found outdoors plays a key role in nature, breaking down dead plants, leaves, soil, and much more. St 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. 'ome mold in the air outside enters our homes through doors, windows, heating and cooling systems, and even very small openings we canDt see. EonDt 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 canDt grow.

When building materials get damp or humidity goes unchecked for too long, mold growth can begin to develop indoors.