SPORECYTE

MOLD & AIR QUALITY REPORT

SAMPLE DATE
1/31/2023

SAMPLE RECEIVED
2/2/2023

REPORT DATE
2/2/2023

PREPARED FOR
GL

ADDRESS
93117

SAMPLED BY
Pure Maintenance of Santa Barbara
8056810950

CERTIFIED BY
PanAmerican Aerobiology Spore Analyst / Dylan McIntosh 101/164 Certification Board

Dylan McIntosh
CIH, PAACB Certified Spore Analyst

Air Sample

Predominantly Indoor - Water Related

Fungal Classifications	Spores Found per m³		
	Guest Room	Living Room	Main Bedroom
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	27	0
Stachybotrys	13	13	13
Trichoderma	0	0	0
Ulocladium	0	0	13
Wallemia	0	0	0

Indoor / Outdoor

Fungal Classifications	Spores Found per m³		
	Guest Room	Living Room	Main Bedroom
Alternaria-like	27	13	13
Aspergillus / Penicillium	40	160	227
Cladosporium	133	773	853

Predominantly Outdoor

Fungal Classifications	Spores Found per m³		
	Guest Room	Living Room	Main Bedroom
Arthrinium	0	0	0
Ascospore	0	0	27
Basidiospore	27	67	93
Bipolaris	0	0	0
Botrytis	13	0	13
Cercospora	0	0	0
Chaetoconis	0	0	0
Coelomycete	0	0	0
Curvularia	0	0	0
Epicoccum	13	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	13	0
Polythrincium	0	0	0
Pyricularia	0	0	13
Smut, Periconia, and Myxomycete-like	13	0	27
Spegazzinia	0	0	0
Stemphylium	0	0	0
Torula	13	40	13
Unidentified Spore	0	0	0
Urediniospores	0	0	0
Zygophiala	0	0	0
Total	293	1120	1320

Particulates

Non-Fungal Particulate	Particles Found per m³		
	Guest Room	Living Room	Main Bedroom
Hypha	187	280	480
Pollen	13	13	13
Skin Fragment Human	5465	5039	6385
Skin Fragment Animal	1786	2959	3226
Carbon Dust	20888	24474	27433
Soil	11864	16756	20622
Starch	280	160	307
Fiber	1973	2173	1226
Total Particulate < 2.5 µm	84486	60652	72609
Total Particulate 2.5 - 10 µm	136379	223891	267120
Total Particulate > 10 µm	51800	54160	76608

Predominantly Indoor - Water Related

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

Indoor / Outdoor

Fungal Classifications	Spores Found per m³	
	Kitchen	Main Bedroom
Alternaria-like	0	13
Aspergillus / Penicillium	133	227
Cladosporium	440	853

Predominantly Outdoor

Fungal Classifications	Spores Found per m³	
	Kitchen	Main Bedroom
Arthrinium	0	0
Ascospore	13	27
Basidiospore	53	93
Bipolaris	0	0
Botrytis	0	13
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	13
Smut, Periconia, and Myxomycete-like	13	27
Spegazzinia	0	0
Stemphylium	0	0
Torula	0	13
Unidentified Spore	0	0
Urediniospores	0	0
Zygophiala	0	0
Total	653	1320

Particulates

Non-Fungal Particulate	Particles Found per m³	
	Kitchen	Main Bedroom
Hypha	213	480
Pollen	27	13
Skin Fragment Human	2119	6385
Skin Fragment Animal	1200	3226
Carbon Dust	17516	27433
Soil	10451	20622
Starch	80	307
Fiber	1133	1226
Total Particulate < 2.5 µm	48828	72609
Total Particulate 2.5 - 10 µm	146790	267120
Total Particulate > 10 µm	30752	76608

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.

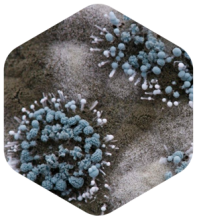
This makes our analyses more consistent and thorough than the current standards in traditional environmental laboratories.

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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