

ENVIRONMENTAL ANALYSIS ASSOCIATES, INC.

306 5th Street, Suite 2A - Bay City, MI 48708



LABORATORY REPORT

QUANTITATIVE SURFACE MOLD SPORE ANALYSIS

Report prepared for : ABC Environmental

Client Project # : 30947

Project Description : 1188 5th Street

EAA Project # : 21-0245

Samples Collected : 1/17/21

Samples received : 1/18/21

Date of Analysis : 1/20/21

Authorized / data reviewed by : *Joseph R. Heintskill*

Joseph R. Heintskill
Laboratory Manager

AIHA-LAP, LLC Accredited, Lab ID#: 220804

The EAA sample results are only applicable to the items tested and locations as received. Sample descriptions and volumetric data are provided by the client. All particle concentrations are rounded to 3 significant figures. In order for chart clarity, cells where the particle category was not detected are intentionally left blank.

Environmental Analysis Associates, Inc. (EAA) shall not be liable to the client or the client's customer with respect to interpretation, recommendations made or actions implemented by either the client or the client's customer as a result of or based upon the test results.

All samples were received in acceptable condition unless noted in the General Comments section of the data report.



QUANTITATIVE SURFACE MOLD SPORE ANALYSIS

EAA Method #: MOLD-D02

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Client Name : ABC Environmental

Client Project # : 30947

Requested by : Damon Sal

EAA Project# : 21-0245

Project : 1188 5th Street

Date collected : 1/17/21

Date received : 1/18/21

Sample condition : Acceptable as received

Magnification 500X

Client Sample#	Sample Description / Location	Background Dust Loading - General Comments
1	Kitchen	Typical dust
2	Living Room	Atypical dust
3	Hallway	Typical dust
4	Bathroom	Atypical dust
5	Basement	Elevated dust

SURFACE MOLD SPORE CONCENTRATIONS (Cts./mm ²)						
Category	Sample # -->	1	2	3	4	5
Total Mold Spores (Cts/mm²)		4.3	5.8	0.7	3.6	14.4

Alternaria			0.7			
Aspergillus/Penicillium					1.4	4.3
Pigmented Asco & Basidio		2.2	2.9		0.7	1.4
Mix tiny, hyal Asco & Basidio		0.7		0.7		
Botrytis						
Chaetomium						
Cladosporium		0.7	1.4		0.7	5.8
Curvularia						
Drechslera/Bipolaris						
Epicoccum						
Fusicladium-like						
Nigrospora						
Oidium/Peronospora						
Pithomyces		0.7				
Rusts						
Smuts / Myxomycetes / Periconia			0.7		0.7	
Stachybotrys						2.9
Stemphylium						
Torula						
Ulocladium						
Other Hyaline Fungi						
Other Fungi						
Unidentified Fungi						
Hyphae fragments			0.7			1.4
Algal / fern spores						
Insect parts						

POLLEN (Total cts/mm²)	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed
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Not specified					
Pinus					

COMMON AEROSOLS (cts/mm²)	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed
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Skin cell fragments					
Fiberglass fibers					
Cellulosic / synthetic fibers					
Unidentified opaque					
Mineral / clay soil dust					

OTHER AEROSOLS (cts/mm²)	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed
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Statistical Parameters					
Area analyzed (mm ²)--mold/aerosols:	1.39	1.39	1.39	1.39	1.39
Detect limit(Cts/mm ²)--mold/aerosols:	0.72	0.72	0.72	0.72	0.72
Raw Count Conversion Factor :	1.39	1.39	1.39	1.39	1.39
Microscopic fields counted :	10	10	10	10	10
Microscope field area (mm ²):	0.14	0.14	0.14	0.14	0.14

Note: Sample results are only applicable to the items tested and locations as received. Sample descriptions and volumetric data are provided by the client.

rev.2021-All Clients-1/4/21

Authorized / data reviewed by : Joseph R. Heintskill

Date: 1/20/21

Analyst : jls

Date analyzed: 1/20/21

EAA provides a separate **DUST PROFILE™** database on our website (eaalab.com) for a comparison with samples collected from other buildings nationwide. This reference document is only intended to provide an initial comparison with historical measurements compiled by EAA from other problem and non-problem buildings. The final opinions and interpretation regarding how the tested items apply to site specific conditions on your project are not provided within this EAA laboratory report, and can only be provided by the IEP or client that conducted the original inspection and sample collection.



QUANTITATIVE SURFACE MOLD SPORE ANALYSIS
(Mold and Dust Comparison Summary - Cts/mm²)

EAA Method #: MOLD-D02

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 end of report

Client Name : ABC Environmental
 Client Project # : 30947
 Requested by : Damon Sal

Project description : 1188 5th Street
 EAA Project# : 21-0245

Sample # Description	Mold	Aspergillus / Penicillium	Chronic	Outdoor Spores	Hyphae Fragments	Pollen	Skin cell Fragments	Fibrous Dust		Non-Fibrous dust		Other Particles
	Spore * Total		W.I. Fungi					Min. wool/ Fiberglass	Cellulose/ Synthetic	Unident. Opaque	Crystalline Mineral	
1 Kitchen	4.3			4.3								
2 Living Room	5.8			5.8	0.7							
3 Hallway	0.7			0.7								
4 Bathroom	3.6	1.4		2.2								
5 Basement	14.4	4.3	2.88	7.2	1.4							

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