

Client: American Mold Experts
C/O: Mr Bill Nicoll, cmi
Re: Barbara H.; Pre TestDate of Sampling: 09-04-2019
Date of Receipt: 09-05-2019
Date of Report: 09-05-2019**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	A1: HVAC Room			A2: Master Bedroom		
Comments (see below)	A			None		
Lab ID-Version‡:	10675675-1			10675676-1		
Analysis Date:	09/05/2019			09/05/2019		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria	1	100	13			
Ascospores	3	25	160	2	25	110
Basidiospores	3	25	160	2	25	110
Chaetomium						
Cladosporium	12	25	640	3	25	160
Curvularia	1	100	13			
Epicoccum	1	100	13			
Nigrospora	4	100	53			
Other brown	2	100	27			
Other colorless						
Penicillium/Aspergillus types†	12	25	640	4	25	210
Pithomyces	1	100	13	1	100	13
Pyricularia						
Rusts	1	100	13	2	100	27
Smuts, Periconia, Myxomycetes	1	100	13			
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	> 4+			3+		
Hyphal fragments/m3	250			27		
Pollen/m3	< 13			13		
Skin cells (1-4+)	< 1+			1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			1,800			630

Comments: A) Trace overloaded with debris. The counts provided should be considered as minimal.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m³ divided by the raw count, expressed in spores/m³. The limit of detection is the analytical sensitivity (in spores/m³) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m³ has been rounded to two significant figures to reflect analytical precision.

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Location:	A3: Dining Room			A4: Bed Room 2		
Comments (see below)	B			None		
Lab ID-Version‡:	10675677-1			10675678-1		
Analysis Date:	09/05/2019			09/05/2019		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria	1	100	13	2	100	27
Ascospores	1	25	53	2	25	110
Basidiospores	3	25	160	4	25	210
Chaetomium						
Cladosporium	4/70	25/100	1,100	3	25	160
Curvularia						
Epicoccum	1	100	13	4	100	53
Nigrospora						
Other brown	2	100	27	2	100	27
Other colorless						
Penicillium/Aspergillus types†	5	25	270	6	25	320
Pithomyces	8	100	110	6	100	80
Pyricularia				1	100	13
Rusts	1	100	13			
Smuts, Periconia, Myxomycetes	4	100	53	4	100	53
Stachybotrys						
Stemphylium						
Torula				1	100	13
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	3+			4+		
Hyphal fragments/m3	110			53		
Pollen/m3	40			170		
Skin cells (1-4+)	1+			3+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			1,900			1,100

Comments: B) 70 of the raw count *Cladosporium* spores were present as a single clump.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

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