

Built Environment Testing AEML

Air Analytical Report

Prepared For: Addison Christian Adcon Environmental, LLC #83 Estate Smithfield "The Mill" Frederiksted, VI 00840 (340) 713-1703 Eurofins AEML Batch: 476992

Project/Site:

Woodson Jr. High School, STX



Joshue Kinsty

Authorized for release by: Joshua Krinsky Laboratory Technical Manager



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Built Environment Testing AEML

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Built Environment Testing AEML

Project Narrative

Client: Addison Christian Adcon Environmental, LLC #83 Estate Smithfield "The Mill" Frederiksted,VI 00840 (340) 713-1703 Eurofins AEML Batch: 476992

Project/Site: Woodson Jr. High School, STX

Receipt

The sample(s) contained in this report were collected on December 05, 2023 and received by Eurofins EPK Built Environment Testing, LLC - AEML (Eurofins AEML) on December 07, 2023. All samples were received in good condition unless otherwise noted in the results section of this report or on the accompanying Chain of Custody.

Sample Analysis

Analyses were performed in accordance to Eurofins AEML's Standard Operating Procedures and Quality Assurance Program. No deviations were made to these procedures unless noted in the results section of this report. Any additional information that the laboratory believes relevant will be noted as Data Qualifiers accompanying the sample results.

Quality Assurance

Eurofins AEML has developed and implemented policies and procedures that adhere to the General Requirements for the Competence of Testing and Calibration Laboratories, ISO/IEC 17025:2017. These procedures have been reviewed by an independent outside organization and the laboratory has been accredited by the American Association for Laboratory Accreditation for Biological Testing (A2LA Testing Cert #2572.01). Eurofins AEML is also licensed by the Texas Department of Licensing and Regulation (Lab#1020). Eurofins AEML is an active participant in the AIHA EMPAT Proficiency Testing Program.

The laboratory is staffed by highly trained and experienced professionals. Eurofins AEML utilizes state of the art equipment that is of the most recent technology available for fungal spore identification and quantification. Eurofins AEML has the most up to date data systems available with capabilities to provide standard reports in hardcopy and electronic data deliverables.



Sample Summary

Client: Addison Christian Adcon Environmental, LLC #83 Estate Smithfield "The Mill" Frederiksted,VI 00840 (340) 713-1703 Eurofins AEML Batch: 476992

Lab Sample ID	Client Sample ID	Media	Collected	Received	
476992-01	5641562-Outside Air	Allergenco D	12/5/2023	12/7/2023	
476992-02	5641569-B110	Allergenco D	12/5/2023	12/7/2023	
476992-03	5641558-B111	Allergenco D	12/5/2023	12/7/2023	
476992-04	5641577-B112	Allergenco D	12/5/2023	12/7/2023	
476992-05	5641571-B113	Allergenco D	12/5/2023	12/7/2023	
476992-06	5641559-B114	Allergenco D	12/5/2023	12/7/2023	
476992-07	5641565-B115	Allergenco D	12/5/2023	12/7/2023	
476992-08	5641560-B116	Allergenco D	12/5/2023	12/7/2023	
476992-09	5641561-B121	Allergenco D	12/5/2023	12/7/2023	



Detection Summary

Eurofins AEML Batch: 476992

Client: Addison Christian Adcon Environmental, LLC #83 Estate Smithfield "The Mill" Frederiksted,VI 00840 (340) 713-1703

Lab Sample ID	Client Sample ID	Spore Type	Result / Count/m ³
476992-01	5641562-Outside Air	Ascospores	80
		Aspergillus/Penicillium-Like	680
		Basidiospores	67
		Bipolaris/Dreschlera	13
		Cladosporium	227
		Curvularia	13
		Ganoderma	53
		Nigrospora	13
		Pithomyces	13
		Smut/Myxomyces/Periconia	53
		Pollen	40
476992-02	5641569-B110	Ascospores	53
		Basidiospores	27
476992-03	5641558-B111	Basidiospores	13
		Cladosporium	120
		Curvularia	53
		Epicoccum	13
		Smut/Myxomyces/Periconia	27
		Hyphal Fragments	40
476992-04	5641577-B112	Ascospores	27
		Aspergillus/Penicillium-Like	40
		Basidiospores	27
		Curvularia	13
		Nigrospora	13
476992-05	5641571-B113	Ascospores	40



Detection Summary

Client: Addison Christian Adcon Environmental, LLC #83 Estate Smithfield "The Mill" Frederiksted,VI 00840 (340) 713-1703 Eurofins AEML Batch: 476992

Lab Sample ID	Client Sample ID	Spore Type	Result / Count/m ³
		Basidiospores	27
		Cladosporium	53
		Curvularia	40
		Ganoderma	27
		Nigrospora	13
		Smut/Myxomyces/Periconia	13
		Hyphal Fragments	13
		Pollen	27
476992-06	5641559-B114	Alternaria	13
		Aspergillus/Penicillium-Like	13
		Basidiospores	13
		Ganoderma	13
476992-07	5641565-B115	Alternaria	40
		Ascospores	27
		Aspergillus/Penicillium-Like	80
		Basidiospores	53
		Cladosporium	27
		Curvularia	27
		Ganoderma	27
		Nigrospora	13
		Rust	13
476992-08	5641560-B116	Ascospores	40
		Aspergillus/Penicillium-Like	173
		Basidiospores	40
		Cladosporium	80
		Curvularia	53



Detection Summary

Eurofins AEML Batch: 476992

Client: Addison Christian Adcon Environmental, LLC #83 Estate Smithfield "The Mill" Frederiksted,VI 00840 (340) 713-1703

Project/Site: Woodson Jr. High School, STX

Lab Sample ID **Client Sample ID** Spore Type Result / Count/m³ Ganoderma 80 40 Rust Smut/Myxomyces/Periconia 53 Hyphal Fragments 40 Ascospores 476992-09 5641561-B121 53 Basidiospores 40 Cladosporium 280 Nigrospora 27 Oidium/Peronospora 13 Rust 13 Smut/Myxomyces/Periconia 13 Hyphal Fragments 40

Addison Christian Adcon Environmental, LLC #83 Estate Smithfield "The Mill" Frederiksted,VI 00840 (340) 713-1703 AEML Test: A001 Spore Trap Analysis	Eur 601	E. Atlantic Blvd.	Envi Pom	Built Enviro AEML ironment Testing pano Beach, FL Email: customer	33060		Batch:	Woodsor 476992	
Sample ID:	476	6992-01		47	6992-02		47	6992-03	
Client Sample ID:	5641562	2-Outside Air		5641	569-B110		5641	558-B111	
Volume Sampled (L):		75			75			75	
Media:		rgenco D			rgenco D			rgenco D	
Percent of Trace Analyzed:	100% at 60	0X Magnification		100% at 60	0X Magnification		100% at 600X Magn		
Spore Types	Raw Count	Count/m ³	%	Raw Count	Count/m ³	%	Raw Count	Coun	
Alternaria	_		_	_	_	_	_	_	
Arthrinium	—	_	—		—	—			
Ascospores	6	80	7	4	53	67			
Aspergillus/Penicillium-Like	51	680	56		—	—			
Basidiospores	5	67	5	2	27	33	1	1:	
Bipolaris/Dreschlera	1	13	1		—	—	_		
Botrytis	—	—	—	—	—	—	_		
Chaetomium	—	—	—	—	—	—	_	_	
Cladosporium	17	227	19	—	—	—	9	12	
Curvularia	1	13	1	_	—	—	4	53	
Epicoccum	—		—	—	—	—	1	13	
Fusarium	—	_	—	—	—	—	_	_	
Ganoderma	4	53	4	_	—	—		_	
Memnoniella	_		—	_	—	—	_	_	
Nigrospora	1	13	1	_	—	—	_	_	
Oidium/Peronospora	_		—	_	—	—	_	_	
2.1	4	10							

son Jr. High School, STX

Sampled: 12/5/2023 Received: 12/7/2023 Analysis Date: 12/7/2023

Report Date: 12/7/2023 476992-04 5641577-B112 75

Volume Sampled (L). Media:			Allergenco D		Allergenco D			Allergenco D				
Percent of Trace Analyzed:		OX Magnification			OX Magnification			OX Magnification		100% at 600X Magnification		
Spore Types	Raw Count	Count/m ³	%	Raw Count	Count/m ³	%	Raw Count	Count/m ³	%	Raw Count	Count/m ³	%
	Raw Count	Countrin	70	Raw Count	Countrin	70	Raw Count	Count/III*	70	Raw Count	Count/III*	70
Alternaria	—	—	—	—		—	—		—	—		—
Arthrinium	—	_	—	_	_	—	_	_	—		_	—
Ascospores	6	80	7	4	53	67	_	_	—	2	27	22
Aspergillus/Penicillium-Like	51	680	56	—	_	—	_		—	3	40	33
Basidiospores	5	67	5	2	27	33	1	13	6	2	27	22
Bipolaris/Dreschlera	1	13	1	—	—	—			—			—
Botrytis			_	_	—	—			—			—
Chaetomium	—	—	_	—	—	—	_	—	-	_	—	—
Cladosporium	17	227	19	_	_	—	9	120	53		_	—
Curvularia	1	13	1		_	—	4	53	24	1	13	11
Epicoccum	_	_	—		—	—	1	13	6		_	—
Fusarium	_		—		_	—		_	—		_	—
Ganoderma	4	53	4		—	—	_	_	—		_	—
Memnoniella	_	_	—		_	—	_	_	—		_	—
Nigrospora	1	13	1		_	—		_	—	1	13	11
Oidium/Peronospora	_	_	—		_	—	_	_	—		_	—
Pithomyces	1	13	1		—	—		_	—		_	—
Rust	_	_	—	_	—	—		_	—		_	—
Smut/Myxomyces/Periconia	4	53	4		—	—	2	27	12		_	—
Stachybotrys	_	_	—		_	—	_	_	—		_	—
Torula	—	—	_	—	—	—	_	—	—	_	—	_
Ulocladium	_	_	—		_	—	_	_	—		_	—
Unidentified Spores	—	_	—		—	-		_	-		—	—
Total Spores	91	1,213		6	80		17	227		9	120	
Hyphal Fragments	_	_			—		3	40		_	_	
Pollen	3	40			—			_			_	
Debris Rating		3			3			3			3	
Detection Limit		13			13			13			13	

Joshun Kinsty

Joshua Krinsky Laboratory Technical Manager

Results submitted pertain only to the samples as presented on the accompanying Chain of Custody. This report shall not be reproduced, except in its entirety and with the written approval of Eurofins AEML.



Addison Christian Adcon Environmental, LLC	Project: Woodson Jr. High School, STX Built Environment Testing											
#83 Estate Smithfield "The Mill"		-			ient lesting		Batch:	476992		Samp	led: 12/5/2023	
Frederiksted, VI 00840	Eur	ofins EPK Built I	Envi	AEML ronment Testing	LLC - AEML		Baton.	110002		- -	/ed: 12/7/2023	
(340) 713-1703		E. Atlantic Blvd.									ate: 12/7/2023	
AEML Test: A001 Spore Trap Analysis		one: (954) 333-814				.com				Report D	ate: 12/7/2023	
Sample ID:	476	6992-05		476	6992-06		476	6992-07		476	6992-08	
Client Sample ID:	5641	571-B113		5641	559-B114		5641	565-B115		5641	560-B116	
Volume Sampled (L):		75			75			75			75	
Media:	Aller	rgenco D		Aller	rgenco D		Allei	rgenco D			rgenco D	
Percent of Trace Analyzed:	100% at 60	0X Magnification		100% at 60	0X Magnification		100% at 60	0X Magnification		100% at 60	0X Magnification	
Spore Types	Raw Count	Count/m ³	%	Raw Count	Count/m ³	%	Raw Count	Count/m ³	%	Raw Count	Count/m ³	%
Alternaria	—	—	_	1	13	25	3	40	13	—	—	—
Arthrinium	—	—	_		_	—	—	_	—		_	—
Ascospores	3	40	19	_	_	—	2	27	9	3	40	7
Aspergillus/Penicillium-Like	—	—	_	1	13	25	6	80	26	13	173	31
Basidiospores	2	27	13	1	13	25	4	53	17	3	40	7
Bipolaris/Dreschlera	—	—		_	_	—	_	—	—	_	—	—
Botrytis	—	—	-	_	—	—	—	—	_	_	—	—
Chaetomium	—	—	_	-	—	—	-	—	—	_	—	—
Cladosporium	4	53	25		_	—	2	27	9	6	80	14
Curvularia	3	40	19			_	2	27	9	4	53	10
Epicoccum		_	_			-			-			—
Fusarium		_	_			—			—		—	—
Ganoderma	2	27	13	1	13	25	2	27	9	6	80	14
Memnoniella	_	_	_			—		_	—	_		_
Nigrospora	1	13	6	_		—	1	13	4	_		—
Oidium/Peronospora	_	—	—	_	_	—	_	_	—	_	_	—
Pithomyces	—	—	—	_	_	—	—	_	—	_	_	—
Rust	_	_	—	_	_	—	1	13	4	3	40	7
Smut/Myxomyces/Periconia	1	13	6	_	_	—	_	_	—	4	53	10
Stachybotrys	—	—	—	_	_	—	_	_	—	_	_	—
Torula	—	—	—	—		—	—		—	—		—
Ulocladium	—	—	—	_	_	—	—		—	—	_	—
Unidentified Spores	_	—	_	—	_		—	_	$\left - \right $	_	_	—
Total Spores	16	213		4	53		23	307		42	560	
Hyphal Fragments	1	13		—			—			3	40	
Pollen	2	27		—	—		—	—		_	—	
Debris Rating		3			3			3			3	
Detection Limit		13			13			13			13	

Joshun Kinsly

Joshua Krinsky Laboratory Technical Manager

Addison Christian Adcon Environmental, LLC #83 Estate Smithfield "The Mill" Frederiksted,VI 00840 (340) 713-1703



Built Environment Testing

Eurofins EPK Built Environment Testing, LLC - AEML

601 E. Atlantic Blvd. Pompano Beach, FL 33060 Phone: (954) 333-8149 Email: customerservice@aemlinc.com Project: Woodson Jr. High School, STX

Batch: 476992

Sampled: 12/5/2023 Received: 12/7/2023 Analysis Date: 12/7/2023 Report Date: 12/7/2023

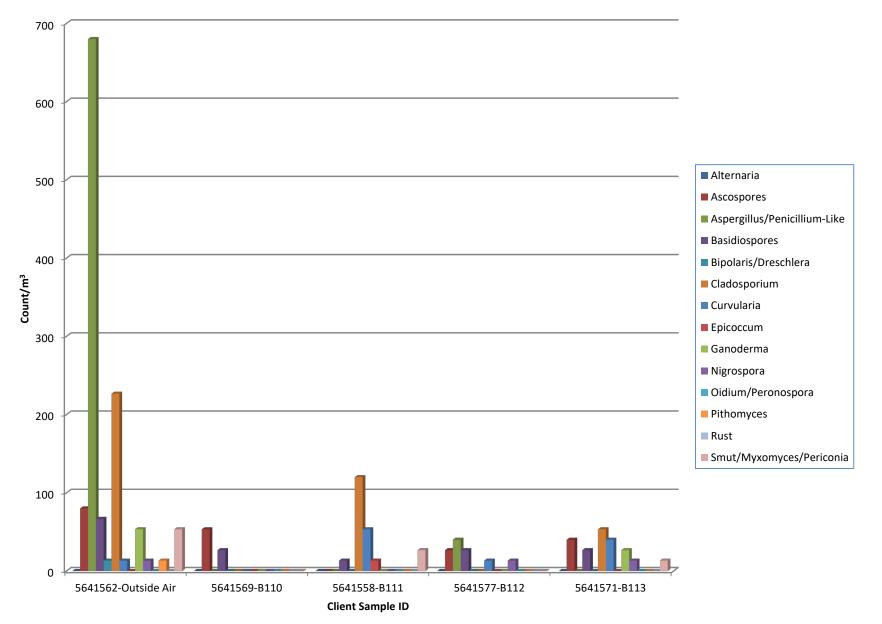
AEML Test: A001 Spore Trap Analysis

AEML Test: A001 Spore Trap Analysis		nie. (334) 333-0				
Sample ID:						
Client Sample ID:						
Volume Sampled (L):		75				
Media:		rgenco D				
Percent of Trace Analyzed:	100% at 60	0X Magnification	1			
Spore Types	Raw Count	Count/m ³	%			
Alternaria			—			
Arthrinium			—			
Ascospores	4	53	12			
Aspergillus/Penicillium-Like		_	—			
Basidiospores	3	40	9			
Bipolaris/Dreschlera	—	_	—			
Botrytis	_	_	—			
Chaetomium	—		—			
Cladosporium	21	280	64			
Curvularia			_			
Epicoccum	_		_			
Fusarium			—			
Ganoderma	—	_	—			
Memnoniella	_	_	—			
Nigrospora	2	27	6			
Oidium/Peronospora	1	13	3			
Pithomyces			_			
Rust	1	13	3			
Smut/Myxomyces/Periconia	1	13	3			
Stachybotrys	_		—			
Torula	—	—	—			
Ulocladium	—		—			
Unidentified Spores			—			
Total Spores	33	440				
Hyphal Fragments	3	40				
Pollen	_					
Debris Rating		3				
Detection Limit	13					

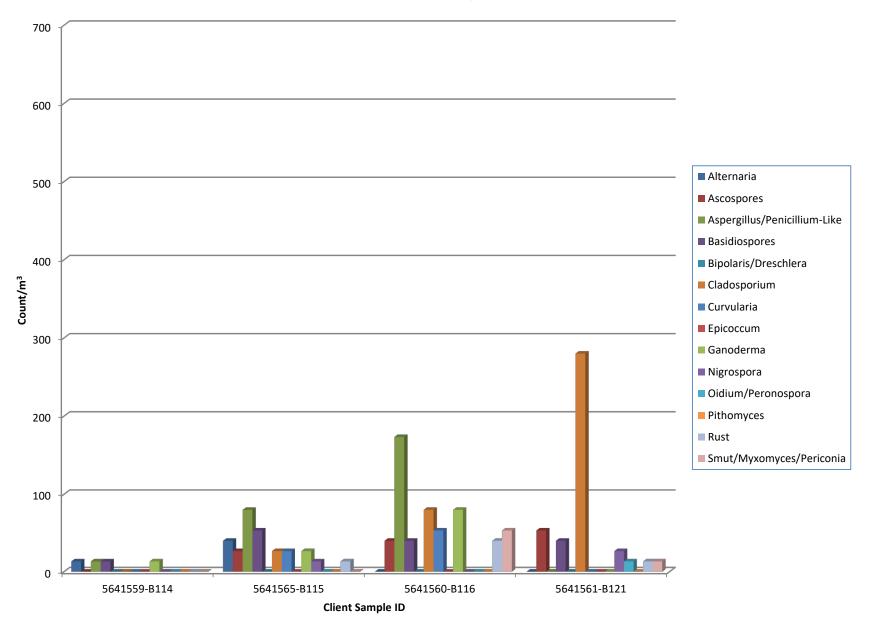
Joshun Kinsty

Joshua Krinsky Laboratory Technical Manager





eurofins Built Environment Testing





Definitions and Glossary

Definitions

Mold - A fungus that grows in the form of multicellular filaments called hyphae. Molds cause biodegradation of natural materials, which is necessary in nature but can become unwanted when it causes food spoilage or damage to property. Some diseases of animals and humans can be caused by certain molds. These diseases may result from allergic sensitivity to mold spores, from growth of pathogenic molds within the body, or from the effects of ingested or inhaled toxic compounds (mycotoxins) produced by molds.

Fungi - A Kingdom composed of eukaryotic organisms that include unicellular microorganisms such as molds, yeasts, smuts, and mushrooms. Fungi receive nutrients by absorbing dissolved molecules and are referred to as nature's decomposers.

Spores - Produced by molds and fungi as units of reproduction that have adapted for dispersal. Spores can disperse through the air, by insects, animals, or humans and remain dormant on a surface for years until favorable conditions for growth occur.

Mycotoxin - A toxic secondary metabolite produced by mold. The term 'mycotoxin' is usually reserved for the toxic chemical products produced by fungi that readily colonize crops. One mold species may produce many different mycotoxins, and the same mycotoxin may be produced by several species.

Glossary

Sample ID - A unique internal identification assigned to the sample by the laboratory for traceability of the sample.

Client Sample ID - An identification given to the sample and provided to the laboratory by the person who collected the sample. This is typically the location the sample was collected.

Volume Sampled - The volume of air that was sampled displayed in liters. This is based on the flow rate of the sampling pump in Liters per minute and the time, in minutes, that the sample was collected.

Media - The device used for collection of the sample.

Percent of Trace Analyzed - The percent of the trace that was analyzed by the laboratory. When 100% of the trace is analyzed at 600X magnification, the entire impaction area of the sample is analyzed at a high level of magnification and provides the highest quality analysis.

Raw Count - Spore count present in the sample received by the laboratory.

Count/m³ - An extrapolated count of spores that would be present in a cubic meter of air. This calculation is based on the volume of air sampled and the raw count.



Definitions and Glossary

Glossary

Percent (%) - Percent composition of the sample. This is a breakdown of the percentage of the total spore count of the sample that each spore comprises.

Debris Rating - Background debris can interfere with the analyst's ability to analyze and accurately report the counts for each analyte. Therefore, a Debris Level system of 0-5 will be reported for each sample to aid clients in their interpretation of the data.

Debris Level: 0 - No non-microbial particulates were observed in the impaction area. Since most air samples contain at least some debris, this indicates that the sample is either a blank sample submitted to the lab as a control, that there was an error sampling, or that a defective spore trap cassette was used.

Debris Level: 1 - A minimal amount of background particulates are present. The background debris has no effect on the reported results.

Debris Level: 2 - Non-microbial particulates are covering up to 25% of the trace.

Debris Level: 3 - Non-microbial particulates are covering 26% to 75% of the trace.

Debris Level: 4 - Non-microbial particulates are covering 76% to 90% of the trace.

Debris Level: 5 - Non-microbial particulates are covering greater than 90% of the trace. An accurate count is not possible. A range of spores is reported based on the number of spores observed in and around the borders of the trace.

Debris Levels of 2, 3, or 4 contain background debris that could mask the presence of an analyte. The higher the level of debris, the greater the chance that this could occur.

Detection Limit - Also known as Method Detection Limit. This is the minimum number of spores that would need to be present in one cubic meter of air in order for one spore to be detected by this analysis. This calculation is based on the volume of air sampled and the percent of the trace analyzed.

Remediation

Remediation - The process correcting, or remedying, any issues in the building that were identified by a mold assessor. This may include cleaning or removing any contaminated material, as well as, identifying and correcting any conditions that may be favorable for mold growth.

Eurofins AEML makes no claims pertaining to the necessity of remediation. The results contained in this report should be used in conjunction with a physical inspection of the property to determine what, if any, actions are necessary.

		🔅 eurofins	Built Environment Testin AEML	ng	
		Funga	l Glossary		
Typically found outdoors.	growing	Potential allergen.	Considered water day indicator.	mage	Potential to produce mycotoxins.
		Al	ternaria		
	Desc	ription		C	Characteristics
they are found growing or		cluding sheetrock and of	s. In the indoor environment her building materials. They		

Arthrinium	
Description	Characteristics
These are a plant pathogen found in soil and decomposing plant material. Not typically found growing indoors. One species has been determined to be an allergen.	

Ascospores	
Description	Characteristics
These are a very large group of spores that are found everywhere in nature. They are commonly found outdoors and associated with rain and moisture. Some species grow well indoors on damp materials. Ascospores have allergenic potential, however, it is species dependent.	

	🛟 eurofir	IS Built Environment Testin	ng						
	Fun	gal Glossary							
Typically found outdoors.	growing Potential allergen	Considered water day indicator.	mage Potential to produce mycotoxins.						
	Aspergillus/Penicillium-Like								
	Description		Characteristics						
indoors and outdoors. Incorganic materials. They o	et common genera in the world. They can be doors they can be found on water damaged v can also grow well in conditions of high humic respiratory irritation. Some species are huma								

Basidiospores					
Description	Characteristics				
These are primarily comprised of mushrooms and shelf fungi. They are typically found outdoors. Occasionally they are found indoors growing on any organic matter causing dry rot. Some species can be an allergen to sensitive individuals.					

Bipolaris/Dreschlera	
Description	Characteristics
These are a plant pathogen typically found outdoors on grasses, grains, and decaying food. Indoors they can be found on plants and building materials. They are an allergen that can affect the nose, skin, eyes and upper respiratory track.	

			Built Environment Testi AEML	ng	
		Fungal	Glossary		
Typically found outdoors.	growing	Potential allergen.	Considered water dat indicator.	mage	Potential to produce mycotoxins.
		Вс	otrytis		
	Desc	cription		(Characteristics
These are a plant pathoge subtropical climates. Indo causing hay fever and astl	ors they can be found gro				

Chaetomium	
Description	Characteristics
These are typically found indoors on water damaged cellulose containing materials such as paper, sheetrock, and wallpaper. Not well studied but possible allergen with hay fever and asthma effects.	

Cladosporium	
Description	Characteristics
One of the most common genera in both the indoor and outdoor environments. Indoors they grow well in damp environments and areas where condensation builds. They are often found on textiles, window sills, in bathrooms, and A/C systems. They are a common allergen when airborne.	

			Built Environment Testii AEML	ng	
		Fungal	Glossary		
Typically found g outdoors.	prowing	Potential allergen.	Considered water dat indicator.	mage	Potential to produce mycotoxins.
		Cur	vularia		
	Desc	cription		(Characteristics
Primarily found outdoors or they grow on a variety of bu and allergic fungal sinusitis	uilding materials. They ar				

Epicoccum	
Description	Characteristics
Outdoors they are found in the soil, air, and rotting vegetation. Indoors they grow well on a variety of building materials such as paper and textiles. They are a potential allergen with hay fever, asthma, and skin allergy effects.	

Fusarium	
Description	Characteristics
Indoors they are typically found under very wet conditions. Some places they can be found are dust in carpet and mattresses, damp walls, wallpaper, and duct liner. They are a potential allergen causing hay fever and asthma effects.	

			Built Environment Testiı AEML	ng	
_		Fungal	Glossary		
Typically found outdoors.	d growing	Potential allergen.	Considered water dat indicator.	mage	Potential to produce mycotoxins.
		Gan	oderma		
	C	Description		(Characteristics
These are shelf mushroor rot, and stem rot. They a		und growing outdoors on woo at high concentrations.	d causing white rot, root		

Memnoniella	
Description	Characteristics
These are mycotoxin producing spores related to and often found in conjunction with Stachybotrys. These grow well on water damaged cellulose containing building materials such as sheetrock, paper, wallpaper, and textiles.	

Nigrospora	
Description	Characteristics
These are typically found on decaying plant material and soil and are usually not found growing indoors. They are a potential allergen causing hay fever and asthma effects.	

		🛟 eurofins	Built	Environment Testin	g	
-		Funga	al Glo	ssary		
Typically for outdoors.	und growing	Potential allergen.		Considered water dan indicator.	nage	Potential to produce mycotoxins.
		Oidiur	n/Peron	ospora		
		Description				Characteristics
These are plant patho higher living plants.	gens that are comn	non obligate parasites on leaves	, stems, flo	owers, and fruits of		

Pithomyces	
Description	Characteristics
These are typically found on dead leaves and stems of plants. Rarely found growing indoors; however, they grow well on paper indoors given the right conditions.	

Rust	
Description	Characteristics
These are parasitic plant pathogens that grow on plants, grass, and trees. They are rarely found growing indoors since they require a living host, and therefore typically not found on cellulose containing building materials. They are a potential allergen causing hay fever and asthma effects.	

		🔅 eurofins	5 Built AEM	Environment Testin L	g		
-		Fung	al Gl	ossary			
Typically for outdoors.	und growing	Potential allergen.		Considered water dan indicator.	nage	Potenti mycoto	ial to produce oxins.
	Smut/Myxomyces/Periconia						
Description		Characteristics					
This is a grouping of several genera organized together in a general category that are mostly associated with living and decaying plants, wood, soil, grass, cereal crops, weeds, and flowering plants. These are rarely found growing indoors. They are a potential allergen causing hay fever and asthma effects.							

Stachybotrys			
Description	Characteristics		
These are typically found indoors growing on water damaged cellulose containing building materials such as sheetrock, paper, and ceiling tiles. They are often referred to as "toxic black mold." They have the ability to produce mycotoxins which may cause a burning sensation in the mouth, throat, and nasal passages. Chronic exposure has been known to cause headaches, diarrhea, memory loss, and brain damage.			

Torula	
Description	Characteristics
These are typically found growing outdoors on leaves, roots, wood, and soil. Indoors they can be found growing on water damaged cellulose, paper, wicker, straw baskets and ceiling tiles. They are a potential allergen causing hay fever and asthma effects.	A LAND

		Built Environment Testin	g		
	Fungal Glossary				
Typically found growing outdoors.	Potential allergen.	Considered water dan indicator.	nage Potential to produce mycotoxins.		
Ulocladium					
Description			Characteristics		
bathrooms, kitchens, basements, and	a commonly be found indoors in damp or v d around windows. These grow well on ca nd on water damaged building material su ever and asthma effects.	ellulose containing			

Unidentified Spores			
Description	Characteristics		
This is a grouping of spores that are unable to be categorized due to a variety of reasons. They may be weathered, disfigured, or otherwise lacking the morphological structures necessary to identify the genus.			

Hyphal Fragments	
Description	Characteristics
These are branched filamentous structures with cell walls. Hyphae are somewhat analogous to stems or roots in plants whereas the spores would be analogous to the seeds. Large quantities present may indicate an active fungal colony or active fungal growth in the structure.	

		Built Environment Testir AEML	g	
	Fungal	Glossary		
Typically found growing outdoors.	Potential allergen.	Considered water dar indicator.	nage Potential to produce mycotoxins.	
Pollen				
Description			Characteristics	
These are a fine to course powdery substance produced by the anthers of seed-bearing plants, trees, grasses, flowers, and weeds. They are an allergen that causes hay fever effects.				

The information provided in this report is not intended to provide medical advice. This report is designed to be used for building diagnostic purposes only. Any determination of exposure or potential for exposure should be formed using the results in this report in conjunction with a physical inspection of the property. A medical professional must be consulted for any medical or health related information.

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Built Environment Testing AEML

www2.epa.gov/indoor-air-quality-iag/should-you-have-air-ducts-your-home-cleaned

References and Links

Environmental Protection Agency (EPA) - www.epa.gov/mold/

A Brief Guide to Mold, Moisture, and Your Home - www2.epa.gov/mold/brief-guide-mold-moisture-and-your-home

Should You Have the Air Ducts in Your Home Cleaned? -

Flood Cleanup - Avoiding Indoor Air Quality Problems - www2.epa.gov/indoor-air-guality-iag/flood-cleanup-protect-indoor-air-guality

Center for Disease Control and Prevention (CDC) - www.cdc.gov/mold/

General Information - <u>www.cdc.gov/mold/basics.htm</u>

Cleanup and Remediation - www.cdc.gov/mold/cleanup.htm

Occupational Safety & Health Administration (OSHA) - www.osha.gov/SLTC/molds

American Academy of Allergy, Asthma & Immunology (AAAAI) - www.aaaai.org

Institute of Inspection, Cleaning and Restoration Certification (IICRC) - www.iicrc.org

Information and recommendations about mold can vary based on location and climate. More information can be found through your local state's and county's Indoor Air Quality programs. Links for your state's environmental agencies can be found through the EPA's website at: http://www2.epa.gov/indoor-air-quality-iag/find-regional-and-state-indoor-air-quality-contact-information