

5 Constitution Way, Unit A Woburn, MA 01801 Tel/Fax: (781) 933-8411 / (781) 933-8412 http://www.EMSL.com / bostonlab@emsl.com EMSL Order: 132400225 Customer ID: EAFI66 Customer PO: Project ID:

Attention: Peter VonAu

EFI Global, Inc. 155 West Street Suite 6 Wilmington, MA 01887 Project: 014.07230 - PMES Phone: (978) 688-3736 Fax: (978) 688-5494 Collected Date: 01/11/2024 Received Date: 01/11/2024 05:00 PM Analyzed Date: 01/16/2024 - 01/18/2024

Lab Sample Number: Client Sample ID: Volume (L):	1	32400225-0001 A01		1:	32400225-0002 A02 75		1:	32400225-0003 A03 75	
Sample Location:		Field Blank			Outdoors		Cafeteria		
Spore Types	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	1	40	33.3	-	-	-
Aspergillus/Penicillium	-	-	-	1	40	33.3	2	80	100
Basidiospores	-	-	-	-	-	-	-	-	-
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	-	-	-	-	-	-	-	-	-
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	1	40	33.3	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Total Fungi	-	No Trace	-	3	120	100	2	80	100
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-		-
Analyt. Sensitivity 600x	-	0	-	-	41	-	-	41	-
Analyt. Sensitivity 300x	-	0*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	-	-	-	1	-	-	1	-
Fibrous Particulate (1-4)	-	-	-	-	1	-	-	1	-
Background (1-5)					1			1	

+ Due to method stopping rules, extrapolated raw counts are reported in parenthesis.

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

Steve Grise, Laboratory Manager or other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA AIHA LAP, LLC-EMLAP Accredited #180179

Initial report from: 01/18/2024 05:08 PM

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Attention: Peter VonAu

EFI Global, Inc. 155 West Street Suite 6 Wilmington, MA 01887 Project: 014.07230 - PMES Phone: (978) 688-3736 Fax: (978) 688-5494 Collected Date: 01/11/2024 Received Date: 01/11/2024 05:00 PM Analyzed Date: 01/16/2024 - 01/18/2024

Test Report:Air-	O-Cell(™) Analy	sis of Fungal S	pores & Partic	ulates by Optica	I Microscopy (N	lethods MICR	O-SOP-201, AST	M D7391)	
Lab Sample Number: Client Sample ID: Volume (L):	1:	32400225-0004 A04 75		1:	32400225-0005 A05 75		132400225-0006 A06 75		
Sample Location:		Gymnasium		Ma	ain Office, 1008		Classroom 1063		
Spore Types	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total
Alternaria (Ulocladium)	-	-	· -	-	-	-	-	-	-
Ascospores	-	-	-	-	-	-	-	-	-
Aspergillus/Penicillium	7	300	100	2	80	100	2	80	66.7
Basidiospores	-	-	-	-	-	-	-	-	-
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	-	-	-	-	-	-	1	40	33.3
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	-	-	-	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Total Fungi	7	300	100	2	80	100	3	120	100
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	41	-	-	41	-	-	41	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	1	-	-	1	-	-	1	-

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA AIHA LAP, LLC-EMLAP Accredited #180179

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category.

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Test Report:Air-	Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)										
Lab Sample Number: Client Sample ID: Volume (L):	1	32400225-0007 A07 75		1:	32400225-0008 A08 75		132400225-0009 A09 75				
Sample Location:	С	lassroom 1061		С	lassroom 1038		Classroom 1041				
Spore Types	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total		
Alternaria (Ulocladium)	-	-	-	-	-		-	- '	-		
Ascospores	-	-	-	-	-	-	-	-	-		
Aspergillus/Penicillium	1	40	80	2	80	100	-	-	-		
Basidiospores	1*	10*	20	-	-	-	-	-	-		
Bipolaris++	-	-	-	-	-	-	-	-	-		
Chaetomium++	-	-	-	-	-	-	-	-	-		
Cladosporium	-	-	-	-	-	-	-	-	-		
Curvularia	-	-	-	-	-	-	-	-	-		
Epicoccum	-	-	-	-	-	-	-	-	-		
Fusarium++	-	-	-	-	-	-	-	-	-		
Ganoderma	-	-	-	-	-	-	-	-	-		
Myxomycetes++	-	-	-	-	-	-	-	-	-		
Pithomyces++	-	-	-	-	-	-	-	-	-		
Rust	-	-	-	-	-	-	-	-	-		
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-		
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-		
Unidentifiable Spores	-	-	-	-	-	-	-	-	-		
Zygomycetes	-	-	-	-	-	-	-	-	-		
Total Fungi	2	50	100	2	80	100	-	None Detect	-		
Hyphal Fragment	-	-	-	-	-	-	-	-	-		
Insect Fragment	-	-	-	-	-	-	-	-	-		
Pollen	-	-	-	-	-	-	-	-	-		
Analyt. Sensitivity 600x	-	41	-	-	41	-	-	41	-		
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-		
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-		
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-		
Background (1-5)	-	1	-	-	1	-	-	1	-		

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++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

Steve Grise, Laboratory Manager or other Approved Signatory

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Test Report:Air-	O-Cell(™) Analy	sis of Fungal S	pores & Partic	ulates by Optica	I Microscopy (N	lethods MICR	O-SOP-201, AST	M D7391)		
Lab Sample Number: Client Sample ID: Volume (L):	1	32400225-0010 A10 75		1	32400225-0011 A11 75		132400225-0012 A12 75			
Sample Location:	С	lassroom 1043		С	lassroom 1045		Classroom 1066			
Spore Types	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-	
Ascospores	-	-	-	-	-	-	-	-	-	
Aspergillus/Penicillium	39	1600	97.6	3	100	100	-	-	-	
Basidiospores	1	40	2.4	-	-	-	-	-	-	
Bipolaris++	-	-	-	-	-	-	-	-	-	
Chaetomium++	-	-	-	-	-	-	-	-	-	
Cladosporium	-	-	-	-	-	-	2	80	80	
Curvularia	-	-	-	-	-	-	-	-	-	
Epicoccum	-	-	-	-	-	-	-	-	-	
Fusarium++	-	-	-	-	-	-	-	-	-	
Ganoderma	-	-	-	-	-	-	-	-	-	
Myxomycetes++	-	-	-	-	-	-	1*	10*	10	
Pithomyces++	-	-	-	-	-	-	1*	10*	10	
Rust	-	-	-	-	-	-	-	-	-	
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-	
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-	
Unidentifiable Spores	-	-	-	-	-	-	-	-	-	
Zygomycetes	-	-	-	-	-	-	-	-	-	
Total Fungi	40	1640	100	3	100	100	4	100	100	
Hyphal Fragment	-	-	-	-	-	-	-	-	-	
Insect Fragment	-	-	-	-	-	-	-	-	-	
Pollen	-	-	-	-	-	-	-	-	-	
Analyt. Sensitivity 600x	-	41	-	-	41	-	-	41	-	
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-	
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-	
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-	
Background (1-5)	-	1	-	-	1	-	-	1	-	

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Test Report:Air-	O-Cell(™) Analy	sis of Fungal S	pores & Partic	ulates by Optica	al Microscopy (M	ethods MICR	O-SOP-201, AST	M D7391)		
Lab Sample Number: Client Sample ID: Volume (L):	1:	32400225-0013 A13 75		1	32400225-0014 A14 75		132400225-0015 A15 75			
Sample Location:	С	lassroom 1068		C	lassroom 1067		Classroom 1069			
Spore Types	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-	
Ascospores	-	-	-	-	-	-	-	-	-	
Aspergillus/Penicillium	1	40	100	-	-	-	-	-	-	
Basidiospores	-	-	-	-	-	-	1	40	100	
Bipolaris++	-	-	-	-	-	-	-	-	-	
Chaetomium++	-	-	-	-	-	-	-	-	-	
Cladosporium	-	-	-	-	-	-	-	-	-	
Curvularia	-	-	-	-	-	-	-	-	-	
Epicoccum	-	-	-	-	-	-	-	-	-	
Fusarium++	-	-	-	-	-	-	-	-	-	
Ganoderma	-	-	-	-	-	-	-	-	-	
Myxomycetes++	-	-	-	-	-	-	-	-	-	
Pithomyces++	-	-	-	-	-	-	-	-	-	
Rust	-	-	-	-	-	-	-	-	-	
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-	
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-	
Unidentifiable Spores	-	-	-	-	-	-	-	-	-	
Zygomycetes	-	-	-	-	-	-	-	-	-	
Total Fungi	1	40	100	-	None Detect	-	1	40	100	
Hyphal Fragment	-	-	-	-	-	-	-	-	-	
Insect Fragment	-	-	-	-	-	-	-	-	-	
Pollen	-	-	-	-	-	-	-	-	-	
Analyt. Sensitivity 600x	-	41	-	-	41	-	-	41	-	
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-	
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-	
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-	
Background (1-5)	-	1	-	-	1	-	-	1	-	

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Test Report:Air-	Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)										
Lab Sample Number: Client Sample ID: Volume (L):	1	32400225-0016 A16 75		1	32400225-0017 A17 75		132400225-0018 A18 75				
Sample Location:	С	lassroom 1071		С	lassroom 1073		Classroom 1072				
Spore Types	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total		
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-		
Ascospores	-	-	-	-	-	-	-	-	-		
Aspergillus/Penicillium	1	40	50	1	40	50	1	40	50		
Basidiospores	1	40	50	1	40	50	1	40	50		
Bipolaris++	-	-	-	-	-	-	-	-	-		
Chaetomium++	-	-	-	-	-	-	-	-	-		
Cladosporium	-	-	-	-	-	-	-	-	-		
Curvularia	-	-	-	-	-	-	-	-	-		
Epicoccum	-	-	-	-	-	-	-	-	-		
Fusarium++	-	-	-	-	-	-	-	-	-		
Ganoderma	-	-	-	-	-	-	-	-	-		
Myxomycetes++	-	-	-	-	-	-	-	-	-		
Pithomyces++	-	-	-	-	-	-	-	-	-		
Rust	-	-	-	-	-	-	-	-	-		
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-		
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-		
Unidentifiable Spores	-	-	-	-	-	-	-	-	-		
Zygomycetes	-	-	-	-	-	-	-	-	-		
Total Fungi	2	80	100	2	80	100	2	80	100		
Hyphal Fragment	-	-	-	-	-	-	-	-	-		
Insect Fragment	-	-	-	-	-	-	-	-	-		
Pollen	-	-	-	-	-	-	-	-	-		
Analyt. Sensitivity 600x	-	41	-	-	41	-	-	41	-		
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-		
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-		
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-		
Background (1-5)	-	1	-	-	1	-	-	1	-		

† Due to method stopping rules, extrapolated raw counts are reported in parenthesis.

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific

Steve Grise, Laboratory Manager or other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA AIHA LAP, LLC-EMLAP Accredited #180179

Initial report from: 01/18/2024 05:08 PM

category.

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com



5 Constitution Way, Unit A Woburn, MA 01801 Tel/Fax: (781) 933-8411 / (781) 933-8412 http://www.EMSL.com / bostonlab@emsl.com EMSL Order: 132400225 Customer ID: EAFI66 Customer PO: Project ID:

Attention: Peter VonAu

EFI Global, Inc. 155 West Street Suite 6 Wilmington, MA 01887 Project: 014.07230 - PMES Phone: (978) 688-3736 Fax: (978) 688-5494 Collected Date: 01/11/2024 Received Date: 01/11/2024 05:00 PM Analyzed Date: 01/16/2024 - 01/18/2024

Test Report:Air-	O-Cell(™) Analy	sis of Fungal S	pores & Partic	ulates by Optica	l Microscopy (N	lethods MICR	O-SOP-201, AST	M D7391)		
Lab Sample Number: Client Sample ID: Volume (L):	1:	132400225-0019 A19 75			32400225-0020 A20 75		132400225-0021 A21 75			
Sample Location:	С	lassroom 1074		С	lassroom 1075		Classroom 1076			
Spore Types	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-	
Ascospores	-	-	-	-	-	-	-	-	-	
Aspergillus/Penicillium	3	100	100	1	40	50	1	40	50	
Basidiospores	-	-	-	-	-	-	-	-	-	
Bipolaris++	-	-	-	-	-	-	-	-	-	
Chaetomium++	-	-	-	-	-	-	-	-	-	
Cladosporium	-	-	-	1	40	50	-	-	-	
Curvularia	-	-	-	-	-	-	-	-	-	
Epicoccum	-	-	-	-	-	-	-	-	-	
Fusarium++	-	-	-	-	-	-	-	-	-	
Ganoderma	-	-	-	-	-	-	-	-	-	
Myxomycetes++	-	-	-	-	-	-	1	40	50	
Pithomyces++	-	-	-	-	-	-	-	-	-	
Rust	-	-	-	-	-	-	-	-	-	
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-	
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-	
Unidentifiable Spores	-	-	-	-	-	-	-	-	-	
Zygomycetes	-	-	-	-	-	-	-	-	-	
Total Fungi	3	100	100	2	80	100	2	80	100	
Hyphal Fragment	-	-	-	-	-	-	-	-	-	
Insect Fragment	-	-	-	-	-	-	-	-	-	
Pollen	-	-	-	-	-	-	-	-	-	
Analyt. Sensitivity 600x	-	41	-	-	41	-	-	41	-	
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-	
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-	
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-	
Background (1-5)	-	1	-	-	1	-	-	1	-	

† Due to method stopping rules, extrapolated raw counts are reported in parenthesis.

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

Steve Grise, Laboratory Manager or other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA AIHA LAP, LLC-EMLAP Accredited #180179

Initial report from: 01/18/2024 05:08 PM

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com



5 Constitution Way, Unit A Woburn, MA 01801 Tel/Fax: (781) 933-8411 / (781) 933-8412 http://www.EMSL.com / bostonlab@emsl.com EMSL Order: 132400225 Customer ID: EAFI66 Customer PO: Project ID:

Attention: Peter VonAu

EFI Global, Inc. 155 West Street Suite 6 Wilmington, MA 01887 Project: 014.07230 - PMES Phone: (978) 688-3736 Fax: (978) 688-5494 Collected Date: 01/11/2024 Received Date: 01/11/2024 05:00 PM Analyzed Date: 01/16/2024 - 01/18/2024

Test Report:Air-	Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)										
Lab Sample Number: Client Sample ID: Volume (L):	1	32400225-0022 A22 75		1	32400225-0023 A23 75		132400225-0024 A24 75				
Sample Location:	С	lassroom 1077		С	lassroom 1078		Classroom 1079				
Spore Types	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total		
Alternaria (Ulocladium)	-	-	· -	-	-	-	-	-	-		
Ascospores	-	-	-	-	-	-	-	-	-		
Aspergillus/Penicillium	2	80	100	3	100	55.6	1	40	33.3		
Basidiospores	-	-	-	-	-	-	1	40	33.3		
Bipolaris++	-	-	-	-	-	-	-	-	-		
Chaetomium++	-	-	-	-	-	-	-	-	-		
Cladosporium	-	-	-	2	80	44.4	1	40	33.3		
Curvularia	-	-	-	-	-	-	-	-	-		
Epicoccum	-	-	-	-	-	-	-	-	-		
Fusarium++	-	-	-	-	-	-	-	-	-		
Ganoderma	-	-	-	-	-	-	-	-	-		
Myxomycetes++	-	-	-	-	-	-	-	-	-		
Pithomyces++	-	-	-	-	-	-	-	-	-		
Rust	-	-	-	-	-	-	-	-	-		
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-		
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-		
Unidentifiable Spores	-	-	-	-	-	-	-	-	-		
Zygomycetes	-	-	-	-	-	-	-	-	-		
Total Fungi	2	80	100	5	180	100	3	120	100		
Hyphal Fragment	-	-	-	-	-	-	-	-	-		
Insect Fragment	-	-	-	-	-	-	-	-	-		
Pollen	-	-	-	-	-	-	-	-	-		
Analyt. Sensitivity 600x	-	41	-	-	41	-	-	41	-		
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-		
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-		
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-		
Background (1-5)	-	1	-	-	1	-	-	1	-		

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++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

Steve Grise, Laboratory Manager or other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA AIHA LAP, LLC-EMLAP Accredited #180179

Initial report from: 01/18/2024 05:08 PM

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com



5 Constitution Way, Unit A Woburn, MA 01801 Tel/Fax: (781) 933-8411 / (781) 933-8412 http://www.EMSL.com / bostonlab@emsl.com EMSL Order: 132400225 Customer ID: EAFI66 Customer PO: Project ID:

Attention: Peter VonAu

EFI Global, Inc. 155 West Street Suite 6 Wilmington, MA 01887 Project: 014.07230 - PMES Phone: (978) 688-3736 Fax: (978) 688-5494 Collected Date: 01/11/2024 Received Date: 01/11/2024 05:00 PM Analyzed Date: 01/16/2024 - 01/18/2024

Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)											
Lab Sample Number: Client Sample ID: Volume (L):	1:	32400225-0025 A25 75		1	32400225-0026 A26 75		132400225-0027 A27 75				
Sample Location:	С	lassroom 1081		SPE	D, Classroom 10	82	Classroom 1083, Pre-K				
Spore Types	Raw Count†	Count/m ³	% of Total	Raw Count+	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total		
Alternaria (Ulocladium)	-	-	-	-	- 1	-	-	-	-		
Ascospores	-	-	-	-	-	-	-	-	-		
Aspergillus/Penicillium	-	-	-	-	-	-	1	40	50		
Basidiospores	-	-	-	-	-	-	1	40	50		
Bipolaris++	-	-	-	-	-	-	-	-	-		
Chaetomium++	-	-	-	-	-	-	-	-	-		
Cladosporium	3	100	100	-	-	-	-	-	-		
Curvularia	-	-	-	-	-	-	-	-	-		
Epicoccum	-	-	-	-	-	-	-	-	-		
Fusarium++	-	-	-	-	-	-	-	-	-		
Ganoderma	-	-	-	-	-	-	-	-	-		
Myxomycetes++	-	-	-	-	-	-	-	-	-		
Pithomyces++	-	-	-	-	-	-	-	-	-		
Rust	-	-	-	-	-	-	-	-	-		
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-		
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-		
Unidentifiable Spores	-	-	-	-	-	-	-	-	-		
Zygomycetes	-	-	-	-	-	-	-	-	-		
Total Fungi	3	100	100	-	None Detect	-	2	80	100		
Hyphal Fragment	-	-	-	-	-	-	-	-	-		
Insect Fragment	-	-	-	-	-	-	-	-	-		
Pollen	-	-	-	-	-	-	-	-	-		
Analyt. Sensitivity 600x	-	41	-	-	41	-	-	41	-		
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-		
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-		
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-		
Background (1-5)	-	1	-	-	1	-	-	1	-		

+ Due to method stopping rules, extrapolated raw counts are reported in parenthesis.

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific

Steve Grise, Laboratory Manager or other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA AIHA LAP, LLC-EMLAP Accredited #180179

Initial report from: 01/18/2024 05:08 PM

category.

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5 Constitution Way, Unit A Woburn, MA 01801 Tel/Fax: (781) 933-8411 / (781) 933-8412 http://www.EMSL.com / bostonlab@emsl.com EMSL Order: 132400225 Customer ID: EAFI66 Customer PO: Project ID:

Attention: Peter VonAu

EFI Global, Inc. 155 West Street Suite 6 Wilmington, MA 01887 Project: 014.07230 - PMES Phone: (978) 688-3736 Fax: (978) 688-5494 Collected Date: 01/11/2024 Received Date: 01/11/2024 05:00 PM Analyzed Date: 01/16/2024 - 01/18/2024

Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)										
Lab Sample Number: Client Sample ID: Volume (L):	1:	32400225-0028 A28 75		1:	32400225-0029 A29 75		132400225-0030 A30 75			
Sample Location:		Outdoors		Class	sroom 1097, Mu	sic	Classroom 1093, Art			
Spore Types	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-	
Ascospores	7	300	88.2	-	-	-	-	-	-	
Aspergillus/Penicillium	-	-	-	1	40	100	-	-	-	
Basidiospores	1	40	11.8	-	-	-	1	40	100	
Bipolaris++	-	-	-	-	-	-	-	-	-	
Chaetomium++	-	-	-	-	-	-	-	-	-	
Cladosporium	-	-	-	-	-	-	-	-	-	
Curvularia	-	-	-	-	-	-	-	-	-	
Epicoccum	-	-	-	-	-	-	-	-	-	
Fusarium++	-	-	-	-	-	-	-	-	-	
Ganoderma	-	-	-	-	-	-	-	-	-	
Myxomycetes++	-	-	-	-	-	-	-	-	-	
Pithomyces++	-	-	-	-	-	-	-	-	-	
Rust	-	-	-	-	-	-	-	-	-	
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-	
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-	
Unidentifiable Spores	-	-	-	-	-	-	-	-	-	
Zygomycetes	-	-	-	-	-	-	-	-	-	
Total Fungi	8	340	100	1	40	100	1	40	100	
Hyphal Fragment	-	-	-	-	-	-	-	-	-	
Insect Fragment	-	-	-	-	-	-	-	-	-	
Pollen	-	-	-	-	-	-	-	-	-	
Analyt. Sensitivity 600x	-	41	-	-	41	-	-	41	-	
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-	
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-	
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-	
Background (1-5)	-	1	-	-	1	-	-	1	-	

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++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

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Initial report from: 01/18/2024 05:08 PM

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Attention: Peter VonAu

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Test Report:Air-	Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)										
Lab Sample Number: Client Sample ID: Volume (L):	1	32400225-0031 A31 75		1	32400225-0032 A32 75		132400225-0033 A33 75				
Sample Location:	Lib	rary, Room 201	8	С	lassroom 2005		Classroom 2003				
Spore Types	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total		
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-		
Ascospores	-	-	-	-	-	-	-	-	-		
Aspergillus/Penicillium	2	80	100	1	40	80	3	100	71.4		
Basidiospores	-	-	-	1*	10*	20	-	-	-		
Bipolaris++	-	-	-	-	-	-	-	-	-		
Chaetomium++	-	-	-	-	-	-	-	-	-		
Cladosporium	-	-	-	-	-	-	-	-	-		
Curvularia	-	-	-	-	-	-	-	-	-		
Epicoccum	-	-	-	-	-	-	-	-	-		
Fusarium++	-	-	-	-	-	-	-	-	-		
Ganoderma	-	-	-	-	-	-	-	-	-		
Myxomycetes++	-	-	-	-	-	-	-	-	-		
Pithomyces++	-	-	-	-	-	-	1	40	28.6		
Rust	-	-	-	-	-	-	-	-	-		
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-		
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-		
Unidentifiable Spores	-	-	-	-	-	-	-	-	-		
Zygomycetes	-	-	-	-	-	-	-	-	-		
Total Fungi	2	80	100	2	50	100	4	140	100		
Hyphal Fragment	-	-	-	-	-	-	-	-	-		
Insect Fragment	-	-	-	-	-	-	-	-	-		
Pollen	-	-	-	-	-	-	-	-	-		
Analyt. Sensitivity 600x	-	41	-	-	41	-	-	41	-		
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-		
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-		
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-		
Background (1-5)	-	1	-	-	1	-	-	1	-		

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++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

Steve Grise, Laboratory Manager or other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA AIHA LAP, LLC-EMLAP Accredited #180179

Initial report from: 01/18/2024 05:08 PM

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com



5 Constitution Way, Unit A Woburn, MA 01801 Tel/Fax: (781) 933-8411 / (781) 933-8412 http://www.EMSL.com / bostonlab@emsl.com EMSL Order: 132400225 Customer ID: EAFI66 Customer PO: Project ID:

Attention: Peter VonAu

EFI Global, Inc. 155 West Street Suite 6 Wilmington, MA 01887 Project: 014.07230 - PMES Phone: (978) 688-3736 Fax: (978) 688-5494 Collected Date: 01/11/2024 Received Date: 01/11/2024 05:00 PM Analyzed Date: 01/16/2024 - 01/18/2024

Test Report:Air-	Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)											
Lab Sample Number: Client Sample ID: Volume (L):	1	32400225-0034 A34 75		1:	32400225-0035 A35 75		132400225-0036 A36 75					
Sample Location:	С	lassroom 2004		С	lassroom 2002		Classroom 2001					
Spore Types	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total			
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-			
Ascospores	-	-	-	-	-	-	-	-	-			
Aspergillus/Penicillium	1	40	80	1	40	80	-	-	-			
Basidiospores	-	-	-	-	-	-	1	40	100			
Bipolaris++	-	-	-	-	-	-	-	-	-			
Chaetomium++	-	-	-	-	-	-	-	-	-			
Cladosporium	-	-	-	-	-	-	-	-	-			
Curvularia	-	-	-	-	-	-	-	-	-			
Epicoccum	-	-	-	-	-	-	-	-	-			
Fusarium++	-	-	-	-	-	-	-	-	-			
Ganoderma	-	-	-	-	-	-	-	-	-			
Myxomycetes++	1*	10*	20	1*	10*	20	-	-	-			
Pithomyces++	-	-	-	-	-	-	-	-	-			
Rust	-	-	-	-	-	-	-	-	-			
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-			
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-			
Unidentifiable Spores	-	-	-	-	-	-	-	-	-			
Zygomycetes	-	-	-	-	-	-	-	-	-			
Total Fungi	2	50	100	2	50	100	1	40	100			
Hyphal Fragment	-	-	-	-	-	-	-	-	-			
Insect Fragment	-	-	-	-	-	-	-	-	-			
Pollen	-	-	-	-	-	-	-	-	-			
Analyt. Sensitivity 600x	-	41	-	-	41	-	-	41	-			
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-			
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-			
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-			
Background (1-5)	-	1	-	-	1	-	-	1	-			

+ Due to method stopping rules, extrapolated raw counts are reported in parenthesis.

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific

_____Stev

Steve Grise, Laboratory Manager or other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA AIHA LAP, LLC-EMLAP Accredited #180179

Initial report from: 01/18/2024 05:08 PM

category.

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5 Constitution Way, Unit A Woburn, MA 01801 Tel/Fax: (781) 933-8411 / (781) 933-8412 http://www.EMSL.com / bostonlab@emsl.com EMSL Order: 132400225 Customer ID: EAFI66 Customer PO: Project ID:

Attention: Peter VonAu

EFI Global, Inc. 155 West Street Suite 6 Wilmington, MA 01887 Project: 014.07230 - PMES Phone: (978) 688-3736 Fax: (978) 688-5494 Collected Date: 01/11/2024 Received Date: 01/11/2024 05:00 PM Analyzed Date: 01/16/2024 - 01/18/2024

Test Report:Air-	O-Cell(™) Analy	sis of Fungal S	pores & Partic	ulates by Optica	I Microscopy (N	lethods MICR	O-SOP-201, AST	M D7391)	
Lab Sample Number: Client Sample ID: Volume (L):	132400225-0037 A37 75			132400225-0038 A38 75			132400225-0039 A39 75		
Sample Location:	Roo	m 2019, Teache	ers	Roo	om 2028, Testin	g	Room	2012, Small Gr	oup
Spore Types	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	-	-	-	-	-	-
Aspergillus/Penicillium	2	80	100	-	-	-	1	40	100
Basidiospores	-	-	-	1	40	100	-	-	-
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	-	-	-	-	-	-	-	-	-
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	-	-	-	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Total Fungi	2	80	100	1	40	100	1	40	100
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	41	-	-	41	-	-	41	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	1	-	-	1	-	-	1	-

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA AIHA LAP, LLC-EMLAP Accredited #180179

Initial report from: 01/18/2024 05:08 PM

category.

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5 Constitution Way, Unit A Woburn, MA 01801 Tel/Fax: (781) 933-8411 / (781) 933-8412 http://www.EMSL.com / bostonlab@emsl.com EMSL Order: 132400225 Customer ID: EAFI66 Customer PO: Project ID:

Attention: Peter VonAu

EFI Global, Inc. 155 West Street Suite 6 Wilmington, MA 01887 Project: 014.07230 - PMES Phone: (978) 688-3736 Fax: (978) 688-5494 Collected Date: 01/11/2024 Received Date: 01/11/2024 05:00 PM Analyzed Date: 01/16/2024 - 01/18/2024

Test Report:Air-	O-Cell(™) Analy	sis of Fungal S	pores & Partic	ulates by Optica	Il Microscopy (N	lethods MICR	O-SOP-201, AST	M D7391)	
Lab Sample Number: Client Sample ID: Volume (L):	132400225-0040 A40 75			132400225-0041 A41 75			132400225-0042 A42 75		
Sample Location:		Room 2016			Room 2017A		Room 1022		
Spore Types	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	-	-	-	-	-	-
Aspergillus/Penicillium	1	40	100	-	-	-	2	90	100
Basidiospores	-	-	-	2	90	69.2	-	-	-
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	-	-	-	-	-	-	-	-	-
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	1	40	30.8	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Total Fungi	1	40	100	3	130	100	2	90	100
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	41	-	-	43	-	-	43	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	1	-	-	1	-	-	1	-

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++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA AIHA LAP, LLC-EMLAP Accredited #180179

Initial report from: 01/18/2024 05:08 PM

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Attention: Peter VonAu

EFI Global, Inc. 155 West Street Suite 6 Wilmington, MA 01887 Project: 014.07230 - PMES Phone: (978) 688-3736 Fax: (978) 688-5494 Collected Date: 01/11/2024 Received Date: 01/11/2024 05:00 PM Analyzed Date: 01/16/2024 - 01/18/2024

Test Report:Air-	O-Cell(™) Analy	sis of Fungal S	pores & Partic	ulates by Optica	l Microscopy (N	Methods MICR	O-SOP-201, AST	M D7391)	
Lab Sample Number: Client Sample ID: Volume (L):	132400225-0043 A43 75			132400225-0044 A44			132400225-0045 A45 75		
Sample Location:	Room	1027, Small Gr	oup		Field Blank		Outdoors		
Spore Types	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total
Alternaria (Ulocladium)	-	-	-	-	-		-	-	-
Ascospores	-	-	-	-	-	-	-	-	-
Aspergillus/Penicillium	-	-	-	-	-	-	-	-	-
Basidiospores	-	-	-	-	-	-	1	40	100
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	-	-	-	-	-	-	-	-	-
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	1	40	100	-	-	-	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Total Fungi	1	40	100	-	No Trace	-	1	40	100
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	43	-	-	0	-	-	43	-
Analyt. Sensitivity 300x	-	13*	-	-	0*	-	-	13*	-
Skin Fragments (1-4)	-	1	-	-	-	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	-	-	-	1	-
Background (1-5)	-	1	-	-	-	-	-	1	-

+ Due to method stopping rules, extrapolated raw counts are reported in parenthesis.

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

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Attention: Peter VonAu

EFI Global, Inc. 155 West Street Suite 6 Wilmington, MA 01887 Project: 014.07230 - PMES Phone: (978) 688-3736 Fax: (978) 688-5494 Collected Date: 01/11/2024 Received Date: 01/11/2024 05:00 PM Analyzed Date: 01/16/2024 - 01/18/2024

Test Report:Air-	O-Cell(™) Analy	sis of Fungal S	oores & Partic	ulates by Optica	al Microscopy (M	lethods MICR	O-SOP-201, AST	M D7391)	
Lab Sample Number: Client Sample ID: Volume (L):	132400225-0046 A46 75			132400225-0047 A47 75			132400225-0048 A48 75		
Sample Location:	С	lassroom 1041		C	Classroom 1018		Classroom 1108		
Spore Types	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	-	-	-	-	-	-
Aspergillus/Penicillium	-	-	-	-	-	-	1	40	100
Basidiospores	1	40	50	-	-	-	-	-	-
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	-	-	-	-	-	-	-	-	-
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	1	40	50	-	-	-	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Total Fungi	2	80	100	-	None Detect	-	1	40	100
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	43	-	-	43	-	-	43	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	1	-	-	1	-	-	1	-

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++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

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Initial report from: 01/18/2024 05:08 PM

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Attention: Peter VonAu

EFI Global, Inc. 155 West Street Suite 6 Wilmington, MA 01887 Project: 014.07230 - PMES Phone: (978) 688-3736 Fax: (978) 688-5494 Collected Date: 01/11/2024 Received Date: 01/11/2024 05:00 PM Analyzed Date: 01/16/2024 - 01/18/2024

Test Report:Air-	O-Cell(™) Analy	sis of Fungal S	pores & Partic	ulates by Optica	I Microscopy (N	lethods MICR	O-SOP-201, AST	「M D7391)	
Lab Sample Number: Client Sample ID: Volume (L):	132400225-0049 A49 75			132400225-0050 A50 75			132400225-0051 A51 75		
Sample Location:		Room 1054			Room 1021		Kitchen		
Spore Types	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	-	-	-	-	-	-
Aspergillus/Penicillium	1	40	50	-	-	-	-	-	-
Basidiospores	1	40	50	1	40	100	-	-	-
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	-	-	-	-	-	-	-	-	-
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	-	-	-	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Total Fungi	2	80	100	1	40	100	-	None Detect	-
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	43	-	-	43	-	-	43	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	1	-	-	1	-	-	1	-

+ Due to method stopping rules, extrapolated raw counts are reported in parenthesis.

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

Steve Grise, Laboratory Manager or other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Woburn, MA AIHA LAP, LLC-EMLAP Accredited #180179

Initial report from: 01/18/2024 05:08 PM

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com



5 Constitution Way, Unit A Woburn, MA 01801 Tel/Fax: (781) 933-8411 / (781) 933-8412 http://www.EMSL.com / bostonlab@emsl.com EMSL Order: 132400225 Customer ID: EAFI66 Customer PO: Project ID:

Attention: Peter VonAu

EFI Global, Inc. 155 West Street Suite 6 Wilmington, MA 01887 Project: 014.07230 - PMES Phone: (978) 688-3736 Fax: (978) 688-5494 Collected Date: 01/11/2024 Received Date: 01/11/2024 05:00 PM Analyzed Date: 01/16/2024 - 01/18/2024

Test Report:Air-	O-Cell(™) Analy	sis of Fungal S	pores & Partic	ulates by Optica	al Microscopy (M	lethods MICR	O-SOP-201, AST	M D7391)	
Lab Sample Number: Client Sample ID: Volume (L):	132400225-0052 A52 75			132400225-0053 A53 75			132400225-0054 A54 75		
Sample Location:		Room 1013			Room 1004		Room 1014		
Spore Types	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total	Raw Count†	Count/m ³	% of Total
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	1	40	100	-	-	-	-	-	-
Aspergillus/Penicillium	-	-	-	-	-	-	1	40	33.3
Basidiospores	-	-	-	-	-	-	1	40	33.3
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	-	-	-	-	-	-	1	40	33.3
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	-	-	-	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Total Fungi	1	40	100	-	None Detect	-	3	120	100
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	43	-	-	43	-	-	43	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	1	-	-	1	-	-	1	-

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++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific

Steve Grise, Laboratory Manager

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Lab Sample Number: Client Sample ID: Volume (L):	1:	32400225-0055 A55 75							
Sample Location:	Room 1019								
Spore Types	Raw Count†	Count/m ³	% of Total	-	-	-	-	-	-
Alternaria (Ulocladium)	-	-	-		-	-	-		-
Ascospores	-	-	-			-			
Aspergillus/Penicillium	2	90	39.1			-			
Basidiospores	-	-	-			-			
Bipolaris++	-	-	-			-			
Chaetomium++	-	-	-			-			
Cladosporium	3	100	43.5			-			
Curvularia	-	-	-			-			
Epicoccum	-	-	-			-			
Fusarium++	-	-	-			-			
Ganoderma	-	-	-			-			
Myxomycetes++	1	40	17.4			-			
Pithomyces++	-	-	-			-			
Rust	-	-	-			-			
Scopulariopsis/Microascus	-	-	-			-			
Stachybotrys/Memnoniella	-	-	-			-			
Unidentifiable Spores	-	-	-						
Zygomycetes	-	-	-			-			
Total Fungi	6	230	100			-			
Hyphal Fragment	-	-	-			-			
Insect Fragment	-	-	-			-			
Pollen	-	-	-			-			
Analyt. Sensitivity 600x	-	43	-		-	_	-	-	_
Analyt. Sensitivity 300x	-	13*	-			-			
Skin Fragments (1-4)	-	1	-						
Fibrous Particulate (1-4)	-	1	-			-			
Background (1-5)		2							

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