

Prestige EnviroMicrobiology, Inc

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Analytical Test Report

Client: Proac Corporation, 8401 South Lancaster Ave, Bethel, PA 19507

Client Project: West Middle School Final QA

Sample date: 8-7-2012

Submittal date: 8-8-2012

Samples submitted by: Walt Saunders

Data analysis completed: August 14, 2012

Prestige report number: 120809-01

Microscopic Method (P001): Analysis of Allergenco Samples for Total Fungal Structures by Optical Microscopy

Prestige # Client sample ID Location	Air vol. (m ³)	% read	Presumptive fungal ID	Counts of fungal structures	Fungal structures/m ³	Percentage	Background rating
120809-01-001 #1 Outside #1	0.075	25.5	<i>Alternaria</i>	1	52	1%	1
			ascospores	51	2,700	38%	
			basidiospores	34	1,800	26%	
			<i>Cercospora</i>	1	52	1%	
			<i>Cladosporium</i>	42	2,200	32%	
			<i>Ganoderma</i>	2	100	2%	
			myxomycetes	1	52	1%	
			unknowns	1	52	1%	
			Total				
120809-01-002 #2 Rm 104	0.075	25.5	basidiospores	1	52	25%	2
			myxomycetes	2	100	50%	
			<i>Pithomyces</i>	1	52	25%	
			Total				
120809-01-003 #3 Rm 101	0.075	25.5	<i>Alternaria</i>	1	52	50%	1
			<i>Cladosporium</i>	1	52	50%	
			Total				
120809-01-004 #4 Rm 201	0.075	25.5	<i>Cladosporium</i>	1	52	33%	1
			<i>Epicoccum</i>	1	52	33%	
			<i>Pithomyces</i>	1	52	33%	
			Total				
120809-01-005 #5 Rm 208	0.075	25.5	<i>Alternaria</i>	1	52	50%	1
			ascospores	1	52	50%	
			Total				
120809-01-006 #6 Rm 306	0.075	12.75	ascospores	1	52	50%	1
			<i>Cladosporium</i>	1	52	50%	
			Total				
120809-01-007 #7 Rm 408	0.075	25.5	ascospores	1	52	25%	1
			basidiospores	1	52	25%	
			<i>Cladosporium</i>	1	52	25%	
			myxomycetes	1	52	25%	
			Total				
120809-01-008 #8 Rm 404	0.075	25.5	ascospores	1	52	25%	1
			<i>Cladosporium</i>	1	52	25%	
			<i>Epicoccum</i>	1	52	25%	
			<i>Pithomyces</i>	1	52	25%	
			Total				

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120809-01-009 #9 Outside 400 wing	0.075	25.5	<i>Alternaria</i> ascospores basidiospores <i>Cladosporium</i> <i>Epicoccum</i> <i>Fusarium</i> hyphal fragments <i>Pithomyces</i> Pen/Asp-like unknowns	2 39 21 94 1 1 1 1 13 1	100 2,000 1,100 4,900 52 52 52 52 680 52	1% 22% 12% 54% 1% 1% 1% 1% 7% 1%	1
					Total 9,000		
120809-01-010 #10 Rm 108	0.075	25.5	<i>Pithomyces</i>	1	52	100%	1
					Total 52		
120809-01-011 #11 Rm 301	0.075	25.5	No spores observed	ND	<52	NA	1
					Total <52		
120809-01-012 #12 Rm 302	0.075	25.5	ascospores basidiospores <i>Cladosporium</i> <i>Pithomyces</i>	1 2 6 1	52 100 310 52	10% 20% 60% 10%	1
					Total 510		
120809-01-013 #13 Rm 405	0.075	25.5	<i>Cladosporium</i> Ganoderma	1 1	52 52	50% 50%	1
					Total 100		
120809-01-014 #14 Rm 402	0.075	25.5	hyphal fragments	1	52	100%	1
					Total 52		
120809-01-015 #15 Locker area 2	0.075	25.5	ascospores basidiospores <i>Cladosporium</i> Ganoderma hyphal fragments myxomycetes <i>Pithomyces</i>	14 7 16 2 1 1 1	730 370 840 100 52 52 52	33% 17% 38% 5% 2% 2% 2%	2
					Total 2,200		
120809-01-016 #16 Main office	0.075	25.5	<i>Cladosporium</i> <i>Pithomyces</i>	1 1	52 52	50% 50%	1
					Total 100		
120809-01-017 #17 Outside front	0.075	25.5	<i>Alternaria</i> <i>Arthrinium</i> ascospores basidiospores <i>Cercospora</i> <i>Cladosporium</i> <i>Fusarium</i> Ganoderma hyphal fragments myxomycetes <i>Pithomyces</i> <i>Pyricularia</i>	2 2 28 10 1 76 1 1 3 1 1 1	100 100 1,500 520 52 4,000 52 52 160 52 52 52	2% 2% 22% 8% 1% 60% 1% 1% 2% 1% 1% 1%	1
					Total 6,700		

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120809-01-018 #18 Gym	0.075	25.5	ascospores basidiospores <i>Cladosporium</i> <i>Epicoccum</i> <i>Ganoderma</i>	1 1 1 1 1	52 52 52 52 52	20% 20% 20% 20% 20%	1
					Total 260		
120809-01-019 #19 Remedial gym	0.075	25.5	basidiospores	1	52	100%	1
					Total 52		
120809-01-020 #20 Boys team Rm	0.075	25.5	ascospores basidiospores <i>Cladosporium</i> <i>Epicoccum</i> <i>Ganoderma</i> hyphal fragments Pen/Asp-like	5 1 30 1 2 1 14	260 52 1,600 52 100 52 730	9% 2% 56% 2% 4% 2% 26%	1
					Total 2,800		
120809-01-021 #21 Girls locker Rm	0.075	25.5	<i>Alternaria</i> ascospores basidiospores <i>Cladosporium</i> <i>Curvularia</i> <i>Fusarium</i> <i>Ganoderma</i> Pen/Asp-like	1 4 4 14 1 1 1 11	52 210 210 730 52 52 52 580	3% 11% 11% 38% 3% 3% 3% 30%	1
					Total 1,900		
120809-01-022 #22 LGI	0.075	25.5	ascospores basidiospores <i>Cladosporium</i> Pen/Asp-like	4 1 3 1	210 52 160 52	44% 11% 33% 11%	1
					Total 470		
120809-01-023 #23 Cafeteria	0.075	25.5	<i>Cladosporium</i> Pen/Asp-like	1 1	52 52	50% 50%	1
					Total 100		
120809-01-024 #24 Library	0.075	25.5	<i>Alternaria</i> ascospores <i>Cladosporium</i> hyphal fragments <i>Pithomyces</i>	1 1 1 1 1	52 52 52 52 52	20% 20% 20% 20% 20%	1
					Total 260		
120809-01-025 #25 Music Rm	0.075	25.5	<i>Cladosporium</i>	1	52	100%	1
					Total 52		

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120809-01-026 #26 Outside gym	0.075	25.5	<i>Alternaria</i>	3	160	2%	
			ascospores	42	2,200	28%	
			basidiospores	8	420	5%	
			<i>Cercospora</i>	1	52	1%	
			<i>Cladosporium</i>	77	4,000	51%	
			<i>Curvularia</i>	1	52	1%	
			<i>Epicoccum</i>	1	52	1%	
			<i>Ganoderma</i>	5	260	3%	
			hyphal fragments	3	160	2%	
			myxomycetes	1	52	1%	
			<i>Pithomyces</i>	3	160	2%	
			Pen/Asp-like	4	210	3%	
			<i>Pyricularia</i>	1	52	1%	
Total 7,800							1

Report approved: 
 Theresa Lehman, MPH, Lab Director

Quality control check: 
 Chin S Yang, Ph.D.

Report review: 

1. The samples in this report were received in good, acceptable conditions. Results relate only to the items tested.
2. Percentage is for each group of fungal structures in total population.
3. Concentrations and percentages are rounded to the nearest two significant digits. Total percentage may not add up to 100% due to rounding.
4. Background rating 1-5 (1 being the lowest and 5 the highest) indicates density of sample deposit. The higher the sample deposit is, the more likely some fungal structures are obscured.
5. The detection limit of this analysis is one fungal structure. The quantitation limits vary from analysis to analysis and by air volume. Contact us to determine your quantitation limits.