

Prestige EnviroMicrobiology, Inc

AIHA Environmental Microbiology PAT Program participant

Laboratory ID Number 192810

Website: www.prestige-em.com

Analytical Test Report

Client: Proac Corp. 8401 South Lancaster Ave, Bethel, PA 19507

Client Project: Fawn Area Elem.

Sample date: NA

Submittal date: 8-6-2012

Date samples received: 8-7-2012

Date of inoculation: NA (Andersen); 8-7-2012 (Swabs & Dust)

Samples submitted by: Walt Saunders

Data analysis completed: August 14, 2012

Prestige Report number: 120807-06

Culture Method (P006): Culture Analysis of Andersen Samples for Airborne Fungi

Prestige # Client sample ID Location	Air vol. (m ³)	Media used	Fungal Identification	Colony counts	CFU/ m ³	Percentage
120807-06-080 #7 Outside #1	0.1132	MEA	<i>Alternaria alternata</i>	1	9	1%
			basidiomycetes	88	780	56%
			<i>Cladosporium</i> spp.	56	490	36%
			<i>Penicillium</i> sp.	1	9	1%
			<i>Phoma</i> spp.	2	18	1%
			<i>Pithomyces chartarum</i>	1	9	1%
			yeasts	8	71	5%
			Total			
120807-06-081 #8 Room 1	0.1132	MEA	<i>Aspergillus ochraceus</i>	2	18	4%
			<i>Aspergillus versicolor</i>	42	370	89%
			basidiomycetes	2	18	4%
			<i>Penicillium</i> sp.	1	9	2%
Total				410		
120807-06-082 #9 Room 17	0.1132	MEA	basidiomycetes	20	180	71%
			<i>Cladosporium</i> sp.	1	9	4%
			<i>Phoma</i> spp.	1	9	4%
			<i>Pithomyces chartarum</i>	1	9	4%
			<i>Rhodotorula glutinis</i>	2	18	7%
			yeasts	3	27	11%
Total				250		
120807-06-083 #10 Library	0.1132	MEA	<i>Aureobasidium pullulans</i>	1	9	17%
			<i>Cladosporium</i> sp.	1	9	17%
			<i>Penicillium</i> spp.	3	27	50%
			yeasts	1	9	17%
Total				54		
120807-06-084 #11 Multipurpose	0.1132	MEA	basidiomycetes	2	18	29%
			<i>Cladosporium</i> spp.	5	44	71%
Total				62		

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120807-06-085 #12 Outside #2	0.1132	MEA	<i>Alternaria alternata</i>	6	53	6%
			basidiomycetes	52	460	49%
			<i>Cladosporium</i> spp.	46	410	43%
			<i>Penicillium</i> sp.	1	9	1%
			<i>Pithomyces chartarum</i>	1	9	1%
					Total 940	

Culture Method (P028): Culture Analysis of Swab Samples for Fungi

Prestige # Client sample ID Location	Area (in ²)	Media used	Dilution factor	Fungal Identification	Colony counts	Conc. (CFU/ in ²)	Percentage
120807-06-092 #19 Room 1	3	MEA	100x	<i>Pithomyces chartarum</i>	1	33 Total 33	100%
120807-06-093 #20 Room 17	4	MEA	100x	No fungal growth detected	ND	<25 Total <25	NA
120807-06-094 #21 Library	4	MEA	100x	No fungal growth detected	ND	<25 Total <25	NA
120807-06-095 #22 Multipurpose	4	MEA	100x	<i>Rhodotorula glutinis</i> yeasts	2 11	50 280 Total 330	15% 85%
120807-06-096 #23 RTU #1	4	MEA	100x	No fungal growth detected	ND	<25 Total <25	NA
120807-06-097 #24 RTU #2	4	MEA	100x	No fungal growth detected	ND	<25 Total <25	NA
120807-06-098 #25 UV Room 1	4	MEA	100x	<i>Rhodotorula glutinis</i>	4	100 Total 100	100%
120807-06-099 #26 UV Rm 17	4	MEA	100x	No fungal growth detected	ND	<25 Total <25	NA
120807-06-100 #27 Multipurpose AHU	4	MEA	100x	<i>Cladosporium</i> sp. <i>Epicoccum nigrum</i> yeasts	1 1 2	25 25 50 Total 100	25% 25% 50%

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Culture Method (P028): Culture Analysis of Dust Samples for Fungi

Prestige # Client sample ID Location total dust wt. (g)	Wt. (g)	Media used	Dilution factor	Fungal Identification	Colony counts	Conc. (CFU/ g*)	Percentage
120807-06-101 #27 dust Library (NA*)	NA*	MEA	50x	<i>Alternaria alternata</i>	3	150	4%
				<i>Aspergillus carbonarius</i>	1	50	1%
				<i>Aspergillus flavus</i>	1	50	1%
				<i>Aspergillus niger</i>	1	50	1%
				<i>Aspergillus ochraceus</i>	1	50	1%
				<i>Cladosporium spp.</i>	37	1,900	49%
				<i>Epicoccum nigrum</i>	5	250	7%
				<i>Fusarium solani</i>	3	150	4%
				<i>Penicillium spp.</i>	7	350	9%
				<i>Phoma spp.</i>	12	600	16%
				<i>Pithomyces chartarum</i>	2	100	3%
				<i>Trichoderma longibrachiatum</i>	2	100	3%
						Total 3,800	

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 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. MEA=2% malt extract agar. ND = not detected; NA = not applicable.
5. All culture samples are incubated at 25±0.5°C unless otherwise indicated.
6. The detection limit of this analysis is one fungal colony. The quantitation limits vary from analysis to analysis and by air volume. Contact us to determine your quantitation limits.