

Prestige EnviroMicrobiology, Inc.



Analytical Test Report

Client: Olmsted Environmental Services Inc., 1992 Route 9, Garrison, NY 10524

Client Project/Name: 97 Green

Sample date: 8-16-2021

Submittal date: 8-16-2021

Samples submitted by: Edward Olmsted, CIH

Date analysis completed: August 17, 2021

Prestige report number: 210817-04

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
210817-04-022 4257153 Rm 1	0.075	25.5	ascospores	17	890	22%	
			<i>Chaetomium</i>	15	780	19%	
			hyphal fragments	7	370	9%	
			myxomycetes	3	160	4%	
			<i>Nigrospora</i>	1	52	1%	
			Pen/Asp-like	34	1,800	44%	
			rusts	1	52	1%	
			Total				
210817-04-023 4257151 Rm 2	0.075	25.5	ascospores	7	370	6%	
			basidiospores	4	210	3%	
			<i>Chaetomium</i>	1	52	1%	
			<i>Cladosporium</i>	2	100	2%	
			<i>Ganoderma</i>	1	52	1%	
			hyphal fragments	8	420	7%	
			myxomycetes	1	52	1%	
			<i>Nigrospora</i>	1	52	1%	
			Pen/Asp-like	91	4,800	76%	
			<i>Periconia</i>	2	100	2%	
			<i>Stachybotrys</i>	1	52	1%	
Total				6,300		4	
210817-04-024 4257148 bathroom	0.075	15.3	ascospores	3	260	1%	
			basidiospores	1	87	<1%	
			<i>Chaetomium</i>	1	87	<1%	
			hyphal fragments	13	1,100	5%	
			Pen/Asp-like	217	19,000	90%	
			<i>Stachybotrys</i>	5	440	2%	
Total				21,000		5	

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210817-04-025 4260534 Outside	0.075	25.5	ascospores	38	2,000	27%	1
			basidiospores	66	3,500	46%	
			<i>Chaetomium</i>	1	52	1%	
			<i>Cladosporium</i>	24	1,300	17%	
			<i>Ganoderma</i>	2	100	1%	
			hyphal fragments	5	260	3%	
			myxomycetes	1	52	1%	
			Pen/Asp-like	1	52	1%	
			<i>Periconia</i>	1	52	1%	
			<i>Pithomyces</i>	1	52	1%	
			rusts	1	52	1%	
			<i>Torula</i>	1	52	1%	
			unknowns	1	52	1%	
			Total 7,600				
210817-04-026 4257152 Rm 3	0.075	25.5	ascospores	6	310	4%	4
			basidiospores	9	470	5%	
			<i>Chaetomium</i>	2	100	1%	
			<i>Cladosporium</i>	4	210	2%	
			<i>Ganoderma</i>	1	52	1%	
			hyphal fragments	7	370	4%	
			myxomycetes	1	52	1%	
			Pen/Asp-like	132	6,900	80%	
			<i>Pithomyces</i>	1	52	1%	
			rusts	2	100	1%	
			<i>Stachybotrys</i>	1	52	1%	
Total 8,700							
210817-04-027 4260544 Kitchen	0.075	25.5	ascospores	11	580	19%	4
			basidiospores	8	420	14%	
			<i>Chaetomium</i>	1	52	2%	
			<i>Cladosporium</i>	2	100	3%	
			<i>Ganoderma</i>	1	52	2%	
			hyphal fragments	1	52	2%	
			Pen/Asp-like	31	1,600	53%	
			<i>Periconia</i>	1	52	2%	
			<i>Pithomyces</i>	1	52	2%	
			<i>Torula</i>	1	52	2%	
Total 3,000							

Report approved: 
Theresa Lehman, MPH, Lab Director

Technical Manager: 
Chin S Yang, Ph.D.

Analyst: Theresa Lehman

1. The samples in this report were received in good, acceptable conditions. Prestige EnviroMicrobiology has not performed sample collection for the sample items listed in this report. Results relate only to the items tested.

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2. Spore trap samples are first scanned at 200x and then analyzed at 600x magnification.
3. Concentrations and percentages are rounded. Total percentage may not add up to 100% due to rounding. Percentage is for each group in total population. ND=not detected. NA=not applicable.
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. A "0" background indicates no trace was observed.
5. The detection limit of this analysis is one fungal colony, one bacterial colony or one fungal structure. The analytical sensitivities vary from analysis to analysis or by air volume. For calculation of your analytical sensitivities, please visit our webpage <http://prestige-em.com/index-tech.htm> or contact us by calling 856-767-8300 or by email info@Prestige-em.com.
6. For technical information on result interpretation, please visit www.Prestige-EM.com.