Direct Exam: Spore Trap Analysis

SAI Method B-SOP-003

Customer: ECS Mid-Atlantic, LLC
14026 Thunderbolt Place
Chantilly, VA 20151

Attn: Lauren Kesslak

Project: John Adams ES Mold Survey

Lab Order ID: **10071818**
Analysis: STA
Date Received: 01/02/2025
Date Reported: 01/02/2025

Sample ID	OUT1			144			145			**EXTERIOR**		
Lab Sample ID	10071818_0001			10071818_0002			10071818_0003			**AVERAGE**		
Description	Outdoors			Room 144			Room 145			**N/A**		
Lab Notes										**N/A**		
Volume (L)	75			75			75			**N/A**		
Analytical Sensitivity (counts/m³)	78			78			78			**N/A**		
IDENTIFICATION	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**
Alternaria	1	78.4	0.806%							<1	39.2	N/A
Ascospores	67	5250	54.0%	4	313	40.0%	1	78.4	20.0%	59	4630	54.6%
Basidiospores	39	3060	31.5%	4	313	40.0%	1	78.4	20.0%	34	2670	31.5%
Cladosporium	16	1250	12.9%	2	157	20.0%	3	235	60.0%	15	1140	13.9%
Myxomycete/Rust/Smut-like										<1	39.2	N/A
Unknown/Other	1	78.4	0.806%							<1	39.2	N/A
TOTAL	**124**	**9720**	**100.%**	**10**	**784**	**100.%**	**5**	**392**	**100.%**	**108**	**8560**	**100.%**
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	2	157	-	1	78.4	-	1	78.4	-	2	117.7	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		**0-20%**			**20-40%**			**40-60%**			**N/A**	
Total Debris in Background		**60-80%**			**60-80%**			**20-40%**			**N/A**	

Disclaimer: This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. Unless otherwise noted blank sample correction was not performed on analytical results. Scientific Analytical Institute participates in the AIHA EMPAT program for fungi. EMPAT Laboratory ID: 173190. Reporting Limit equals Analytical Sensitivity. Unless indicated, areas and volumes were provided by the customer.

Darrin Parrick (4)
Analyst

Approved Signatory

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Direct Exam: Spore Trap Analysis

SAI Method B-SOP-003

Customer: ECS Mid-Atlantic, LLC
14026 Thunderbolt Place
Chantilly, VA 20151

Attn: Lauren Kesslak

Project: John Adams ES Mold Survey

Lab Order ID: **10071818**
Analysis: STA
Date Received: 01/02/2025
Date Reported: 01/02/2025

Sample ID	OUT2									**EXTERIOR**		
Lab Sample ID	10071818_0004									**AVERAGE**		
Description	Outdoors									**N/A**		
Lab Notes										**N/A**		
Volume (L)	75									**N/A**		
Analytical Sensitivity (counts/m³)	78									**N/A**		
IDENTIFICATION	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**
Alternaria										<1	39.2	N/A
Ascospores	51	4000	54.3%							59	4630	54.6%
Basidiospores	29	2270	30.9%							34	2670	31.5%
Cladosporium	13	1020	13.8%							15	1140	13.9%
Myxomycete/Rust/Smut-like	1	78.4	1.06%							<1	39.2	N/A
Unknown/Other										<1	39.2	N/A
TOTAL	**94**	**7370**	**100.%**	**-**	**-**	**-**	**-**	**-**	**-**	**108**	**8560**	**100.%**
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	1	78.4	-	-	-	-	-	-	-	2	117.7	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		**0-20%**			**N/A**			**N/A**			**N/A**	
Total Debris in Background		**40-60%**			**N/A**			**N/A**			**N/A**	

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Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

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Scientific Analytical Institute
4604 Dundas Dr. Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID: _____
Client Code: _____

Company Contact Information	
Company: ECS Mid-Atlantic LLC	Contact: Lauren Kesslak
Address: 14026 Thunderbolt Pl Suite 100	Phone ☐: 202-494-7649
Chantilly, VA 20151	Fax ☐:
	Email ☐: lkesslak@ecslimited.com

Billing/Invoice Information	Turn Around Times	
Company: ECS Mid-Atlantic LLC	90 Min. ☐	48 Hours ☐
Contact: Lauren Kesslak	3 Hours ☐	72 Hours ☐
Address: 14026 Thunderbolt Pl Suite 100	6 Hours ■	96 Hours ☐
Chantilly, VA 20151	12 Hours ☐	120 Hours ☐
	24 Hours ☐	144+Hours ☐

PO Number: 47:11652-W:84

Project Name/Number: John Adams ES Mold Survey

Microbiology Test Types	
Spore Trap - Slit Impact, ie, AOC/Allergenco (STA)	■
Spore Trap Other, ie. Micro-5 (STO)	☐
Direct Exam Tape (DET)	☐
Direct Exam Swab (DES)	☐
Direct Exam Bulk (DEB)	☐
Fungal Culture Air (FCA)	☐
Fungal Culture Swab (FCS)	☐
Fungal Culture Bulk (FCB)	☐
Bacteria Culture Air (BCA)	☐
Bacteria Culture Bulk (BCB)	☐
Bacteria Culture Swab (BCS)	☐
Biolog (BLG)	☐
Drinking Water (BCC) (Coliform/E.coli)	☐
Other:	☐

Sample ID #	Description/Location	Volume/Area	Comments
OUT1	Outdoors	75 L	
144	Room 144	75 L	
145	Room 145	75 L	
OUT2	Outdoors	75 L	

Accepted ☒
Rejected ☐

Total # of Samples 4

Relinquished by	Date/Time	Received by	Date/Time
william Sargent			
[illegible]	12/31/24 1:00 PM	[signature]	1/2 10:38 am