

Analytical Laboratory Report

Bioaerosol, non-culturable

Fungal Microscopic Exam

58951-R01

FINAL REPORT

Project/PO: **404 South Pratt Street,
Carson City**

Control ID # **58951**

Received: **07-03-2025**

July 08, 2025

Ellis E. Cude, Lab Manager
Microlab Services, Inc.
4600 Kietzke Ln, Suite A-102, Reno, NV
89502



Report submitted to:

Jack Goshow
Environmental Testing & Consulting, Inc.
14640 Toll Road
Reno, Nevada 89521
Ph. (775) 691-5506

Account Name: Environmental Testing & Consulting, Inc.

Control ID #: 58951

Project PO: 404 South Pratt Street,

Date Received: 07-03-2025

Submitter: Jack Goshow

Date Reported: 07-08-2025

Sample Identification: 1. EXT; Allergenco-D Spore-trap; 75L; 7-3-2025 [S225517AA163837]

<u>Fungi Identified</u>	<u>Sample Count (spores/sample)</u>	<u>Calculated Count (spores/m³)</u>
Basidiospores	35	470
Cladosporium	25	330
Penicillium/Aspergillus	15	200
Smuts/Myxomycetes	1	13
Torula	1	13
TOTAL	77	1 026

<u>Other Airborne Particles</u>	<u>Detected /None Detected</u>	<u>Particle Density (1-5)</u>
Hyphal fragments	Detected	
Pollen	Detected	
Insect/arthropod parts	None Detected	
Fiberglass particles	None Detected	
Total biological particles		3
Total non-biological particles		3

Summary of Findings

- Dominant fungal spores detected on the sample: Basidiospores.
- Sensitivity: 13 spores/cubic meter.
- See Summary Table (58951-R01A).

Report #:58951-R01 Analysis Date: 07-08-2025

Laboratory Results authorized by Ellis E. Cude, Mold Lab Manager

Natural Link MOLD LAB reports sample results as a record of the microbes identified by our analytical staff. Any guidance given with regards to sampling methods, interpretation of results, remediation, health effects, or other information given to the client, beyond microbial identification, is given as general information from published sources and is not an extension of liability to Natural Link MOLD LAB. Natural Link MOLD LAB establishes responsibility over analysis completed in the laboratory but cannot establish responsibility for activities completed in the field by the client, other personnel associated with the samples submitted, or other activities beyond the laboratory. All reports are confidential and are not to be reproduced, except in whole, without the permission of Natural Link MOLD LAB.

Microlab Services, Inc., 4600 Kietzke Ln., Suite A-102, Reno, NV 89502 phone: (310) 480 - 7270

Account Name: Environmental Testing & Consulting, Inc.

Control ID #: 58951

Project PO: 404 South Pratt Street,

Date Received: 07-03-2025

Submitter: Jack Goshow

Date Reported: 07-08-2025

Sample Identification: 2. Basement ; Allergenco-D Spore-trap; 75L; 7-3-2025 [S225518AA163838]

<u>Fungi Identified</u>	<u>Sample Count (spores/sample)</u>	<u>Calculated Count (spores/m³)</u>
Penicillium/Aspergillus	955	13 000
Chaetomium/Botryotrichum	27	360
Stachybotrys	16	210
TOTAL	998	13 570
<u>Other Airborne Particles</u>	<u>Detected /None Detected</u>	<u>Particle Density (1-5)</u>
Hyphal fragments	Detected	
Pollen	None Detected	
Insect/arthropod parts	None Detected	
Fiberglass particles	None Detected	
Total biological particles		5
Total non-biological particles		3

Summary of Findings

- Dominant fungal spores detected on the sample: Penicillium/Aspergillus.
 - Clusters/chains of up to 60 spores detected; clusters/chains may be an indicator of growth near this site.
- Potentially significant/indicator fungi detected on sample include: Chaetomium/Botryotrichum and Stachybotrys.
- Sensitivity: 13 spores/cubic meter.
- Active Aspergillus growth structures detected.
- See Summary Table (58951-R01A).

Report #:58951-R01 Analysis Date: 07-08-2025

Laboratory Results authorized by Ellis E. Cude, Mold Lab Manager

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Control ID #: 58951

Project PO: 404 South Pratt Street,

Date Received: 07-03-2025

Submitter: Jack Goshow

Date Reported: 07-08-2025

Sample Identification: 3. Basement; Allergenco-D Spore-trap; 75L; 7-3-2025 [S225519AA163839]

<u>Fungi Identified</u>	<u>Sample Count (spores/sample)</u>	<u>Calculated Count (spores/m³)</u>
Penicillium/Aspergillus	270	3 600
Stachybotrys	31	410
Chaetomium/Botryotrichum	26	350
Basidiospores	5	67
TOTAL	332	4 427

<u>Other Airborne Particles</u>	<u>Detected /None Detected</u>	<u>Particle Density (1-5)</u>
Hyphal fragments	Detected	
Pollen	Detected	
Insect/arthropod parts	None Detected	
Fiberglass particles	Detected	
Total biological particles		3
Total non-biological particles		3

Summary of Findings

- Dominant fungal spores detected on the sample: Penicillium/Aspergillus.
 - Clusters/chains of up to 72 spores detected; clusters/chains may be an indicator of growth near this site.
- Potentially significant/indicator fungi detected on sample include: Stachybotrys and Chaetomium/Botryotrichum.
- Sensitivity: 13 spores/cubic meter.
- See Summary Table (58951-R01A).

Report #:58951-R01 Analysis Date: 07-08-2025

Laboratory Results authorized by Ellis E. Cude, Mold Lab Manager

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Account Name: Environmental Testing & Consulting, Inc.

Control ID #: 58951

Project PO: 404 South Pratt Street,

Date Received: 07-03-2025

Submitter: Jack Goshow

Date Reported: 07-08-2025

Sample Identification: 4. Basement ; Allergenco-D Spore-trap; 75L; 7-3-2025 [S225520AA163840]

<u>Fungi Identified</u>	<u>Sample Count (spores/sample)</u>	<u>Calculated Count (spores/m³)</u>
Penicillium/Aspergillus	43	570
Acremonium group	33	440
Basidiospores	5	67
Stachybotrys	1	13
TOTAL	82	1 090

<u>Other Airborne Particles</u>	<u>Detected /None Detected</u>	<u>Particle Density (1-5)</u>
Hyphal fragments	None Detected	
Pollen	None Detected	
Insect/arthropod parts	None Detected	
Fiberglass particles	Detected	
Total biological particles		3
Total non-biological particles		2

Summary of Findings

- Dominant fungal spores detected on the sample: Penicillium/Aspergillus.
- Potentially significant/indicator fungi detected on sample include: Acremonium group and Stachybotrys.
 - Clusters/chains of up to 33 Acremonium spores detected; clusters/chains may be an indicator of growth near this site.
- Sensitivity: 13 spores/cubic meter.
- See Summary Table (58951-R01A).

Report #:58951-R01 Analysis Date: 07-08-2025

Laboratory Results authorized by Ellis E. Cude, Mold Lab Manager

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Control ID #: 58951

Project PO: 404 South Pratt Street,

Date Received: 07-03-2025

Submitter: Jack Goshow

Date Reported: 07-08-2025

Sample Identification: 5. 1st Floor; Allergenco-D Spore-trap; 75L; 7-3-2025 [S225521AA163841]

<u>Fungi Identified</u>	<u>Sample Count (spores/sample)</u>	<u>Calculated Count (spores/m³)</u>
Penicillium/Aspergillus	276	3 700
Aureobasidium	130	1 700
Stachybotrys	85	1 100
Basidiospores	70	930
Acremonium group	60	800
Chaetomium/Botryotrichum	55	730
Smuts/Myxomycetes	45	600
Alternaria	10	130
Humicola/Trichocladium	10	130
Rusts/Pucciniales	10	130
Stemphylium	10	130
Cladosporium	5	67
Scopulariopsis/Microascus	5	67
TOTAL	771	10 214

<u>Other Airborne Particles</u>	<u>Detected /None Detected</u>	<u>Particle Density (1-5)</u>
Hyphal fragments	Detected	
Pollen	Detected	
Insect/arthropod parts	Detected	
Fiberglass particles	Detected	
Total biological particles		4
Total non-biological particles		5

Summary of Findings

- Dominant fungal spores detected on the sample: Penicillium/Aspergillus.
- Potentially significant/indicator fungi detected on sample include: Stachybotrys, Chaetomium/Botryotrichum, and Acremonium group.
- Sensitivity: 13 spores/cubic meter.
- Sample condition/limitations: extremely high levels of non-biological particles may have reduced or affected the detection of small spores; calculated counts are approximate and the total number of spores present may have been underestimated due to this limitation.

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Project PO: 404 South Pratt Street,

Date Received: 07-03-2025

Submitter: Jack Goshow

Date Reported: 07-08-2025

Sample Identification: 6. 1st Floor; Allergenco-D Spore-trap; 75L; 7-3-2025 [S225522AA163842]

<u>Fungi Identified</u>	<u>Sample Count (spores/sample)</u>	<u>Calculated Count (spores/m³)</u>
Basidiospores	110	1 500
Chaetomium/Botryotrichum	47	630
Smuts/Myxomycetes	43	570
Scopulariopsis/Microascus	24	320
Stachybotrys	24	320
Aureobasidium	17	230
Yeasts	8	110
Ascospores	5	67
Alternaria	4	53
Acremonium group	3	40
Oidium/Erysiphales	1	13
Rusts/Pucciniales	1	13
Serpula	1	13
TOTAL	288	3 879

<u>Other Airborne Particles</u>	<u>Detected /None Detected</u>	<u>Particle Density (1-5)</u>
Hyphal fragments	Detected	
Pollen	Detected	
Insect/arthropod parts	Detected	
Fiberglass particles	Detected	
Total biological particles		3
Total non-biological particles		5

Summary of Findings

- Dominant fungal spores detected on the sample: Basidiospores.
- Sensitivity: 13 spores/cubic meter.
- See Summary Table (58951-R01A).

Report #:58951-R01 Analysis Date: 07-08-2025

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Control ID #: 58951

Project PO: 404 South Pratt Street,

Date Received: 07-03-2025

Submitter: Jack Goshow

Date Reported: 07-08-2025

Sample Identification: 7. 2nd Floor (Attic); Allergenco-D Spore-trap; 75L; 7-3-2025 [S225523AA163843]

<u>Fungi Identified</u>	<u>Sample Count (spores/sample)</u>	<u>Calculated Count (spores/m³)</u>
Penicillium/Aspergillus	180	2 400
Aureobasidium	136	1 800
Alternaria	80	1 100
Cladosporium	80	1 100
Basidiospores	75	1 000
Smuts/Myxomycetes	58	770
Stachybotrys	25	330
Acremonium group	7	93
Oidium/Erysiphales	6	80
Ascospores	2	27
Serpula	2	27
Torula	1	13
TOTAL	652	8 740

<u>Other Airborne Particles</u>	<u>Detected /None Detected</u>	<u>Particle Density (1-5)</u>
Hyphal fragments	Detected	
Pollen	Detected	
Insect/arthropod parts	Detected	
Fiberglass particles	Detected	
Total biological particles		4
Total non-biological particles		5

Summary of Findings

- Dominant fungal spores detected on the sample: Penicillium/Aspergillus.
 - Clusters/chains of up to 15 spores detected; clusters/chains may be an indicator of growth near this site.
- Potentially significant/indicator fungi detected on sample include: Stachybotrys.
- Sensitivity: 13 spores/cubic meter.
- Sample condition/limitations: extremely high levels of non-biological particles may have reduced or affected the detection of small spores; calculated counts are approximate and the total number of spores present may have been underestimated due to this limitation.
- See Summary Table (58951-R01A).

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Project PO: 404 South Pratt Street,

Date Received: 07-03-2025

Submitter: Jack Goshow

Date Reported: 07-08-2025

Sample Identification: 8. 2nd Floor (Attic); Allergenco-D Spore-trap; 75L; 7-3-2025 [S225524AA163844]

<u>Fungi Identified</u>	<u>Sample Count (spores/sample)</u>	<u>Calculated Count (spores/m³)</u>
Penicillium/Aspergillus	165	2 200
Cladosporium	70	930
Smuts/Myxomycetes	60	800
Basidiospores	30	400
Scopulariopsis/Microascus	23	310
Chaetomium/Botryotrichum	22	290
Stachybotrys	19	250
Aureobasidium	10	130
Alternaria	5	67
Oidium/Erysiphales	4	53
Ascospores	2	27
Triadelphia	2	27
Paecilomyces	1	13
TOTAL	413	5 497

<u>Other Airborne Particles</u>	<u>Detected /None Detected</u>	<u>Particle Density (1-5)</u>
Hyphal fragments	Detected	
Pollen	Detected	
Insect/arthropod parts	None Detected	
Fiberglass particles	Detected	
Total biological particles		3
Total non-biological particles		4

Summary of Findings

- Dominant fungal spores detected on the sample: Penicillium/Aspergillus.
- Potentially significant/indicator fungi detected on sample include: Chaetomium/Botryotrichum and Stachybotrys.
- Sensitivity: 13 spores/cubic meter.
- See Summary Table (58951-R01A).

Report #:58951-R01 Analysis Date: 07-08-2025

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**A subsidiary of
Asbestos TEM
Laboratories, Inc.**

Fungal Microscopic Examination Bioaerosol, non-culturable

Project/P.O.: 404 South Pratt Street,

[illegible]

Chain-of-Custody Form

Natural Link MOLD LAB

Account name

ETC LLC

Sampling date

7/3/25

Project / P.O.

404 SOUTH BRATT ST. CARSON CITY

Submitter

Jack Goshorn

Phone

775-691-5506

RAZORICE19@GMAIL.COM

(310) - 480 - 7270

ellis@asbestosmoldtesting.com

	Sample identification, description, and/or location	Sample volume	Analysis*				Alternative / additional analysis requested:	T.A.T.	
			FME	NFME	FC	BC		EC	RUSH
1)	EXT	75ml							
2)	BASEMENT								
3)									
4)									
5)	1ST FLOOR								
6)									
7)	2ND FLOOR (ATTIC)								
8)									
9)									
10)									

(*) FME, Fungal Microscopic Examination -- NFME, Non-Fungal Microscopic Exam -- FC, Fungal Culture -- BC, Bacterial Culture -- EC, E. coli (coliforms) ID

Submitter's Signature	Date 7/3/25	Time 10:54 am	Receiver's Signature	Date 7/3/25	Time 11:36 am
Submitter's Signature	Date	Time	Receiver's Signature	Date	Time

Lab use:

Control #:

58951

Page ___ of ___

Submit all samples to Natural Link MOLD LAB, 4600 Kietzke Ln, Suite 102, Reno, NV 89502

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