SEEML Reference Number:
150730053

Southeast Environmental Microbiology Laboratories
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The information and data for **Terracon** has been checked for thoroughness and accuracy. The following reports are contained within this document:

- ☐ Direct Exam Report
- ☒ Spore Trap Report
- ☐ Quantitative Fungal Report
- ☐ Andersen Fungal Report
- ☐ Quantitative Direct Exam Report

Lab Manager Review: Rafael Berrios Date: 07/30/15

Thank you for using SEEML laboratories. We strive to provide superior quality and service.
SEEML laboratories are AIHA (American Industrial Hygiene Association) Environmental Microbiology Accredited laboratory for only fungal analysis Air-Direct Examination (EMLAP # 173667).

The data within this report is reliable to three significant figures. The third significant figure is technically unjustified. In this instance, the third figure is reported as an estimate to facilitate the interpretation by the customer.

Confidentiality Notice:
The document(s) contained herein are confidential and privileged information, intended for the exclusive use of the individual or entity named above. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of the document(s) is strictly prohibited. If you have received this document in error, please immediately notify us by telephone to arrange for its return. Thank you.

Guidelines for Interpretation:
No accepted quantitative regulatory standards currently exist by which to assess the health risks related to mold and bacterial exposure. Molds and bacteria have been associated with a variety of health effects and sensitivity varies from person to person.
Several organizations, including: the American Conference of Government Industrial Hygienists (ACGIH); the American Industrial Hygiene Association (AIHA); the Indoor Air Quality Association (IAQA); the United States Environmental Protection Agency (USEPA); the Centers for Disease Control (CDC), as well as the California Department of Health Services (CADHS), have all published guidelines for assessment and interpretation of mold resulting from water intrusion in buildings.

Interpretation of the data and information within this document is left to the company, consultant, and/or persons who conducted the fieldwork.

Spore Trap Report

Attention: Ben Hestir	Date Sampled: 07/29/15
Terracon	Date Received: 07/30/15
3534 Rutherford Road	Date Analyzed: 07/30/15
Taylors, SC 29687	Date Reported: 07/30/15
	Date Revised:
	Project Name: CU Studen Union
	Project Address: Clemson, SC
	SEEML Reference # : 150730053

TEST METHOD: DIRECT MICROSCOPY EXAMINATION AT 400X (100% OF TRACE ANALYZED) SEEML SOP 7

Client Sample ID	CUSU1			CUSU3			CUSU5		
Location	Rm. 806-Chamberlin Office			8th Floor Conference Room			Ouside Studen Union Entrance		
Lab Sample ID	150730053-194			150730053-196			150730053-198		
Detection Limit (spores/m^3)	13			13			13		
Hyphal Fragments	1	13		1	13				
Pollen	1	13		1	13				
Spore Trap Used	Allergenco			Allergenco			Allergenco		
	raw ct.	spores/m^3	%	raw ct.	spores/m^3	%	raw ct.	spores/m^3	%
Alternaria	2	26	10				3	39	<1
Ascospores	3	39	15	12	156	17	536	6970	66
Aureobasidium									
Basidiospores				3	39	4	201	2610	25
Bipolaris/Drechslera									
Botrytis									
Chaetomium									
Cladosporium	12	156	60	9	117	13	57	741	7
Curvularia							2	26	<1
Epicoccum									
Cercospora							4	52	<1
Fusarium									
Nigrospora	2	26	10						
Penicillium/Aspergillus				48	624	67			
Rusts									
Smuts/Periconia/Myxomy	1	13	5				4	52	<1
Stachybotrys									
Stemphylium									
Memnoniella									
Ulocladium									
Colorless/Other Brown 2									
Oidium									
Zygomycetes									
Pithomyces									
Background debris (1-5)3	3			3			3		
Sample Volume(liters)	75			75			75		
TOTAL SPORES/M^3	20	**260**		72	**936**		807	**10500**	
Quality Control									

Comments: Condition of the sample(s) upon receipt: Acceptable.

1=Total % may not equal 100 due to rounding.

2 = Colorless,other Brown are spores without a distinctive morphology on spore traps and non-viable surface samples.

3 = Background debris is the amount of particulate matter present on the slide and is graded from 1-5 with 1 = very light, 2= Light, 3 = Medium, 4 = Heavy, 5 = Very Heavy. The higher the rating the more likelihood spores may be underestimated. A rating of 5 should be interpreted as minimal counts and may actually be higher than reported.

The reporting limit is 1 Spore/sample.

Disclaimer: This report relates only to the samples tested

Respectfully submitted, SEEML, Inc.

Rafael Berrios

Rafael Berrios, Approved Laboratory Signatory

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AIHA-LAP, LLC EMLAP # 173667

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Taylors, SC 29687	Date Reported: 07/30/15
	Date Revised:
	Project Name: CU Studen Union
	Project Address: Clemson, SC
	SEEML Reference # : 150730053

TEST METHOD: DIRECT MICROSCOPY EXAMINATION AT 400X (100% OF TRACE ANALYZED) SEEML SOP 7

Client Sample ID	CUSU7			CUSU8					
Location	Rm. 806-Chamberlin Office			8th Floor Conference Room					
Lab Sample ID	150730053-200			150730053-201					
Detection Limit (spores/m^3)	13			13					
Hyphal Fragments	1	13							
Pollen	1	13		1	13				
Spore Trap Used	Allergenco			Allergenco					
	raw ct.	spores/m^3	%	raw ct.	spores/m^3	%			
Alternaria									
Ascospores									
Aureobasidium									
Basidiospores	30	390	27	3	39	6			
Bipolaris/Drechslera									
Botrytis									
Chaetomium									
Cladosporium	9	117	8	3	39	6			
Curvularia	1	13	<1						
Epicoccum									
Cercospora									
Fusarium									
Nigrospora									
Penicillium/Aspergillus	69	897	63	42	546	88			
Rusts									
Smuts/Periconia/Myxomy	1	13	<1						
Stachybotrys									
Stemphylium									
Memnoniella									
Ulocladium									
Colorless/Other Brown 2									
Oidium									
Zygomycetes									
Pithomyces									
Background debris (1-5)3	3			3					
Sample Volume(liters)	75			75					
TOTAL SPORES/M^3	110	**1430**		48	**624**				
Quality Control									

Comments: Condition of the sample(s) upon receipt: Acceptable.

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