

# ENVIRONMENTAL ANALYSIS ASSOCIATES, INC.

306 5th Street, Suite 2A - Bay City, MI 48708



## LABORATORY REPORT

### QUALITATIVE SURFACE MOLD ANALYSIS

**Report prepared for : ABC Environmental**

Client Project # : 30689  
Project Description : Cranbrook Apt

EAA Project # : 21-0087

Samples Collected : 01/09/21  
Samples received : 01/13/21  
Date of Analysis : 01/13/21

Authorized / data reviewed by : Joseph R. Heintskill

Joseph R. Heintskill  
Laboratory Manager

**AIHA-LAP, LLC Accredited, Lab ID#: 220804**

The EAA sample results are only applicable to the items tested and locations as received. Sample descriptions and volumetric data are provided by the client. All particle concentrations are rounded to 3 significant figures. In order for chart clarity, cells where the particle category was not detected are intentionally left blank.

Environmental Analysis Associates, Inc. (EAA) shall not be liable to the client or the client's customer with respect to interpretation, recommendations made or actions implemented by either the client or the client's customer as a result of or based upon the test results.

All samples were received in acceptable condition unless noted in the General Comments section of the data report.

**QUALITATIVE SURFACE MOLD ANALYSIS**



**(Surface Tape-lift Sample Analysis)**

Client Name : ABC Environmental  
 Client Project Number : 30689  
 EAA Project# : 21-0087  
 Project Description : Cranbrook Apt

EAA Method # : MOLD-D01  
 Sample collected : 1/9/21  
 Sample received : 1/13/21  
 Requested by : Jerry James

Sample #	Sample Description	Conclusions	Background Debris/dust	Analysis Mag. (X)	Mold Genera Present	Mold Spores	Hyphae Structures
1	Unit 2	No mold spores detected	Typical	500 X	Not detected	not detected	not detected
2	Unit 3	Atypical mold growth	Atypical	500 X	Cladosporium	Atypical	Atypical
3	Unit 4	Atypical mold growth	Atypical	500 X	Aspergillus/Penicillium Cladosporium	Atypical Typical	Atypical not detected
4	Unit 5	Elevated mold growth	Typical	500 X	Stachybotrys Aspergillus/Penicillium	Elevated Elevated	Elevated Elevated
5	Unit 6	Elevated mold growth	Typical	500 X	Aspergillus/Penicillium Stachybotrys	Elevated Atypical	Elevated Atypical
6	Unit 7	No mold spores detected	Atypical	500 X	Not detected	not detected	not detected
7	Unit 8	Atypical mold growth	Typical	500 X	Chaetomium Aspergillus/Penicillium Cladosporium	Atypical Typical Typical	Atypical Typical not detected
8	Unit 9	Elevated mold growth	Elevated	500 X	Aspergillus/Penicillium	Elevated	Elevated
9	Unit 10	Typical spore deposition	Typical	500 X	Cladosporium	Typical	not detected
10	Unit 11	Typical spore deposition	Atypical	500 X	Asco/basidiospores Cladosporium	Typical Typical	not detected not detected

rev.2021-All Clients-1/4/21

The classification ranges used for settled spores and hyphae structures/mm<sup>2</sup> are based on the statistical percentile ranges found in likely "Non-Problem" buildings measured in EAA's DUST PROFILE database where the results more likely represent spore "settling", and not mold growth.

Authorized / data review by : Joseph R. Heintskill Date: 1/13/21  
 Analyst : jls Analysis Date: 1/13/21

**Mold spore classification ranges:** <0.2 = Typical-low, 0.2-2 = Typical, 2-40 = Atypical, > 40 = Elevated

The presence of chronic water-indicating mold spores such as Stachybotrys, Chaetomium, or Ulocladium may be an "Atypical" condition.

**Background debris estimates (~ area%) --- Typical = 5-20%, Atypical = 20-40%, Elevated = 40-80%, Overloaded = >80%**

Statistical Range	Classification	Spores/mm <sup>2</sup>
>99 <sup>th</sup> percentile	Elevated	> 40
>75 <sup>th</sup> percentile	Atypical	2.0 - 40
>50 <sup>th</sup> percentile	Typical	0.2 - 2.0
<50 <sup>th</sup> percentile	Typical - low	< 0.2

**DISCLAIMER:** This test report shall not be reproduced except in full, without the written approval of the laboratory. Sample results are only applicable to the items tested and locations as received. Sample descriptions and volumetric data are provided by the client. The statistical guideline ranges for Typical-Low, Typical, Atypical, or Elevated are based on the percentile frequency of occurrence of settled mold spores (cts/mm<sup>2</sup>) measured by EAA in other buildings. The ranges are only to be used as an initial comparison with levels measured on your project. The laboratory test results are secondary support information to be used in conjunction with a thorough visual inspection provided by a qualified environmental professional. The local background and site specific building conditions must be considered in order to render an independent opinion and conclusion as to whether or not the concentrations measured by the EAA laboratory on your project may represent a typical, atypical, or elevated condition.