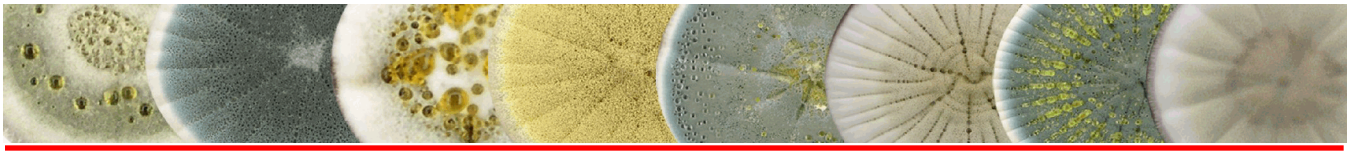
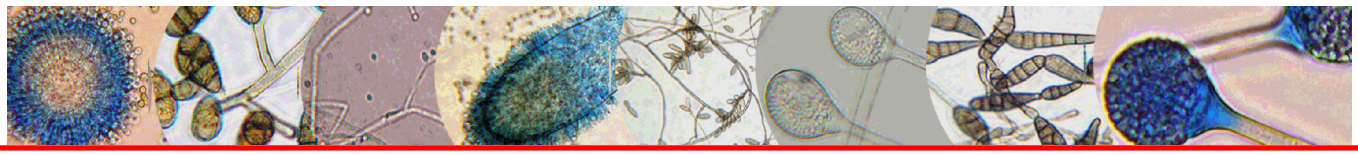


EXPANDED FUNGAL REPORT ®

Prepared Exclusively For

Certified Mold Solutions, Inc.
8710 Brackenwood Drive
Suite 101
Orlando, FL 32829

AIHA EMLAP 163563



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1. Description of Analysis

Analytical Laboratory

EMSL Analytical, Inc. (EMSL) is a nationwide, full service, analytical testing laboratory network providing Asbestos, Mold, Indoor Air Quality, Microbiological, Environmental, Chemical, Forensic, Materials, Industrial Hygiene and Mechanical Testing services since 1981. Ranked as the premier independently owned environmental testing laboratory in the nation, EMSL puts analytical quality as its top priority. This quality is recognized by many well-respected federal, state and private accrediting agencies, such as AIHA's EMLAP and EMPAT programs, and assured by our high quality personnel, including many Ph.D. microbiologists and mycologists.

EMSL is an independent laboratory that performed the analysis of these samples. EMSL did not conduct the sampling or site investigation for this report. The samples referenced herein were analyzed under strict quality control procedures using state-of-the-art microbiological methods. The analytical methods used and the data presented are scientifically and legally defensible.

The laboratory data is provided in compliance with AIHA policy modules and ISO 17025 guidelines for the particular test(s) requested, including any associated limitations for the methods employed. These data are intended for use by professionals having knowledge of the testing methods necessary to interpret them accurately.

Surface Samples - Tape Lifts, Swabs, Bulks:

Suspect mold contamination on surfaces is typically sampled using tape lifts, swabs, or collecting a bulk sample. The analysis performed is a direct microscopic examination because the samples are not cultured or grown. The laboratory can determine viability by a separate culture test if needed and requested. We recommend culturing from swab and bulk samples only.

Samples containing reproductive structures, hyphae, or mycelium are indicated on the report by an asterisk. These fungal structures are important in the interpretation of the data since they indicate fungal growth and amplification (see section 3). Spores are classified by morphological characteristics including color, shape, septation, ornamentation, and reproductive structures which are compared to published mycological identification keys and texts.

2. Analytical Results

See attached data reports and charts.

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Microscopic Examination of Fungal Spores, Fungal Structures, Hyphae, and Other Particulates from Swab Samples (EMSL Method: M041)

Lab Sample Number:	**340900922-0001**				
Client Sample ID:	**1**				
Sample Location:	**Bedroom Wall**				
Spore Types	Category				
Agrocybe/Coprinus	-				
Alternaria	-				
Ascospores	-				
Aspergillus/Penicillium	Medium				
Basidiospores	-				
Bipolaris	-				
Chaetomium	-				
Cladosporium	-				
Curvularia	-				
Epicoccum	-				
Fusarium	-				
Ganoderma	-				
Myxomycete	-				
Paecilomyces	-				
Rust	-				
Scopulariopsis	-				
Stachybotrys	*High*				
Torula	-				
Ulocladium	-				
Unidentifiable Spores	-				
Zygomycetes	-				
Yeast	Low				
Fibrous Particulate	-				
Hyphal Fragment	Medium				
Insect Fragment	-				
Pollen	-				

Category: Count/per area analyzed Rare: 1 to 10 Low: 11 to 100 Medium: 101 to 1000 High: >1000

No discernable field blank was submitted with this group of samples.

* Sample contains fruiting structures and/or hyphae associated with the spores.

Blanca Cortes, Ph.D., Laboratory Manager
or Other Approved Signatory

Samples analyzed by EMSL Analytical, Inc. Orlando 5125 Adanson Street, Suite 900, Orlando FL AIHA EMLAP 163563

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3. Understanding the Results

EMSL Analytical, Inc. is an independent laboratory, providing unbiased and scientifically valid results. These data represent only a portion of an overall IAQ investigation. Visual information and environmental conditions measured during the site assessment (humidity, moisture readings, etc.) are crucial to any final interpretation of the results. Many factors impact the final results; therefore, result interpretation should only be conducted by qualified individuals. The American Conference of Governmental Industrial Hygienists (ACGIH) has published a good reference book covering sampling and data interpretation. It is entitled, Bioaerosols: Assessment and Control, 1999.

Surface Samples:

The presence of common spores in the “rare” or “low” categories in surface samples suggests only background deposition and not growth. Categories greater than this or the presence of fungal vegetative and/or reproductive fragments (e.g., hyphae and conidiophores) suggests fungal colonization, growth, and/or accumulation at or near the sampled location. The presence of water damage associated fungi is also an indicator that indoor growth may be occurring. These indicator fungi include, but are not limited to, *Chaetomium, Fusarium, Stachybotrys* (including *Memnoniella*), and *Ulocladium*.

Fungal spores are found everywhere. Whether or not symptoms develop in people exposed to fungi depends on the nature of the fungal material (e.g., allergenic, toxic, or infectious), the exposure level, and the susceptibility of exposed persons. Susceptibility varies with the genetic predisposition (e.g., allergic reactions do not always occur in all individuals), age, pre-existing medical conditions (e.g., diabetes, cancer, or chronic lung conditions), use of immunosuppressive drugs, and concurrent exposures. These reasons make it difficult to identify dose/response relationships that are required to establish “safe” or “unsafe” levels (i.e., permissible exposure limits).

It is generally accepted in the industry that indoor fungal growth is undesirable and inappropriate, necessitating removal or other appropriate remedial actions. The New York City guidelines and EPA guidelines for mold remediation in schools and commercial buildings define the conditions warranting mold remediation. Always remember that water is the key. Preventing water damage or water condensation will prevent mold growth.

This report is not intended to provide medical advice or advice concerning the relative safety of an occupied space. Always consult an occupational or environmental health physician who has experience addressing indoor air contaminants if you have any questions.

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4. Glossary of Fungi

ASPERGILLUS/PENICILLIUM	
Natural Habitat	·Plant debris ·Seed ·Cereal crops
Suitable Substrates in the Indoor Environment	Grows on a wide range of substrates indoors ·Prevalent in water damaged buildings ·Foods (blue mold on cereals, fruits, vegetables, dried foods) ·House dust ·Fabrics ·Leather ·Wallpaper ·Wallpaper glue
Water Activity	Aw=0.75-0.94
Mode of Dissemination	Wind ·Insects
Allergic Potential	Type I (hay fever, asthma) ·Type III (hypersensitivity)
Potential or Opportunistic Pathogens	Possible depending on the species.
Industrial Uses	Many depending on the species
Potential Toxins Produced	Possible depending on the species.
Other Comments	Spores of Aspergillus and Penicillium (including others such as Acremonium and Paecilomyces) are small and spherical with few distinguishing characteristics. They cannot be differentiated or speciated by non-viable impaction sampling methods. Some species with very small spores may be undercounted in samples with high background debris.

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STACHYBOTRYS	
Natural Habitat	Decaying plant materials and Soil.
Suitable Substrates in the Indoor Environment	Water damaged building materials such as: ceiling tiles, gypsum board, insulation backing, sheet rock, and wall paper. Paper. Textiles.
Water Activity	Aw=0.94
Mode of Dissemination	Insects, Water, and Wind
Allergic Potential	Type I (hay fever, asthma)
Potential or Opportunistic Pathogens	Unknown.
Industrial Uses	Unknown.
Potential Toxins Produced	Mycotoxins produced by Stachybotrys include Roridin A, Roridin E, Roridin H, Roridin L-2, Satratoxin G, Satratoxin H, Isosatratoxin F, Verucarin A, Verucarin J, and Verrucariol.
Other Comments	Stachybotrys may play a role in the development of sick building syndrome. The presence of this fungus can be significant due to its ability to produce mycotoxins. Exposure to the toxins can occur through inhalation, ingestion, or skin exposure.

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YEAST	
Natural Habitat	Wide variety of habitats. Commonly found on plant leaves & flowers, soil and running, mud & salt water. Also common in intestinal tracts of warm blooded animals, where they live symbioyically or as parasite.
Suitable Substrates in the Indoor Environment	Ubiquitous in our environment & also lives as normal inhabitants in human bodies. Common agent of food spoilage, frquently isolated from sugar-rich fruits, jams, syrups and on surface of food products like cheese, meats etc.
Water Activity	Unknown
Mode of Dissemination	Wind, water
Allergic Potential	Some yeasts are reported to be allergenic to susceptible individuals when present in sufficient concentrations.
Potential or Opportunistic Pathogens	Some species of yeast are opportunistic pathogens they can cause infection in people with compromised immune systems.Yeasts of the Candida genus causes oral and vaginal infections in humans, known as Candidiasis.

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5. Important Terms, Conditions, and Limitations

A. Sample Retention

Samples analyzed by EMSL will be retained for 60 days after analysis date Storage beyond this period is available for a fee with written request prior to the initial 30 day period. Samples containing hazardous/toxic substances which require special handling will be returned to the client immediately. EMSLreserves the right to charge a sample disposal fee or return samples to the client.

B. Change Orders and Cancellation

All changes in the scope of work or turnaround time requested by the client after sample acceptance must be made in writing and confirmed in writing by EMSL. If requested changes result in a change in cost the client must accept payment responsibility. In the event work is cancelled by a client, EMSL will complete work in progress and invoice for work completed to the point of cancellation notice. EMSL is not responsible for. holding times that are exceeded due to such changes.

C. Warranty

EMSL warrants to its clients that all services provided hereunder shall be performed in accordance with established and recognized analytical testing procedures and with reasonable care in accordance with applicable federal, state and local laws. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied. EMSL disclaims any other warranties, express or implied, including a warranty of fitness for particular purpose and warranty of merchantability.

D. Limits of Liability

In no event shall EMSL be liable for indirect, special, consequential, or incidental damages, including, but not limited to, damages for loss of profit or goodwill regardless of the negligence (either sole or concurrent) of EMSL and whether EMSL has been informed of the possibility of such damages, arising out of or in connection with EMSL's services thereunder or the delivery, use, reliance upon or interpretation of test results by client or any third party. We accept no legal responsibility for the purposes for which the client uses the test results. EMSL will not be held responsible for the improper selection of sampling devices even if we supply the device to the user. The user of the sampling device has the sole responsibility to select the proper sampler and sampling conditions to insure that a valid sample is taken for analysis. Any resampling performed will be at the sole discretion of EMSL, the cost of which shall be limited to the reasonable value of the original sample delivery group (SDG) samples. In no event shall EMSL

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be liable to a client or any third party, whether based upon theories of tort, contract or any other legal or equitable theory, in excess of the amount paid to EMSL by client thereunder.

E. Indemnification

Client shall indemnify EMSL and its officers, directors and employees and hold each of them harmless for any liability, expense or cost, including reasonable attorney's fees, incurred by reason of any third party claim in connection with EMSL services, the test result data or its use by client