Mycometrics, LLC.
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Mycometrics
From Research to Diagnostics™

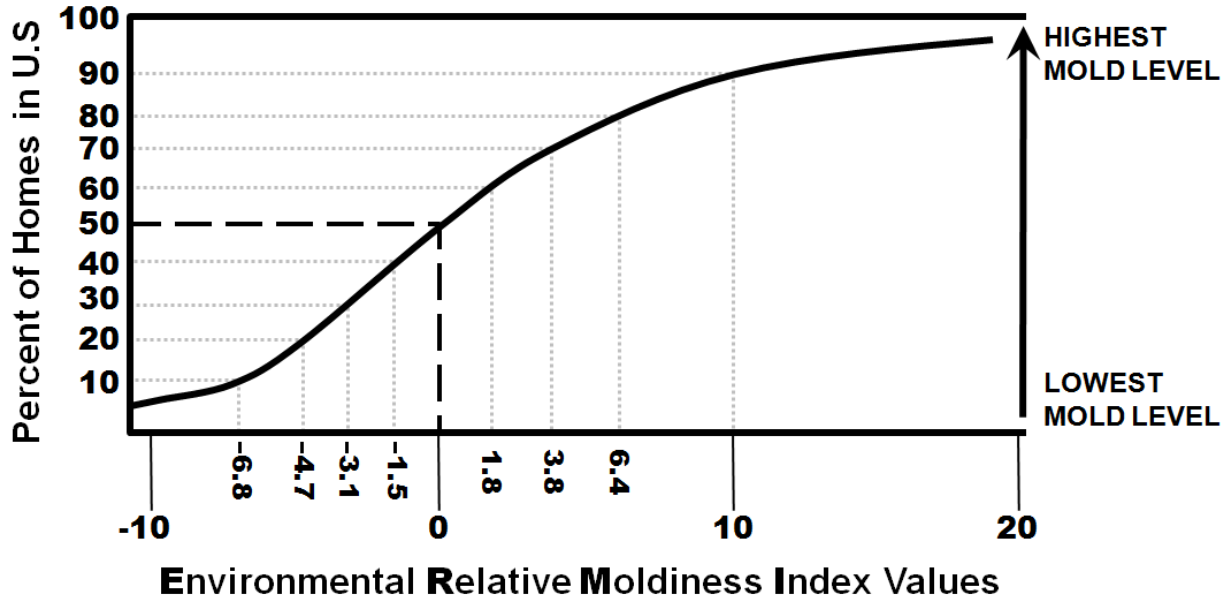
ERMI

AIHA LAP, LLC
ACCREDITED LABORATORY
ENVIRONMENTAL MICROBIOLOGY
ISO/IEC 17025:2005
www.aihaaccreditedlabs.org
LAB #180073

To our valued customers

The ERMI was developed to address concerns arising from mold growth in buildings. While mold growth and mold spores are an important part of our natural environment, when a building sustains water damage and mold growth occurs, there is potential for indoor mold growth. An ERMI assessment can help determine the relative moldiness of the home or business by analysis of dust. The ERMI scale was based on a national survey of nearly 1100 homes in the US conducted by HUD in 2006.

Your dust sample will contain mold spores and mold particles that have settled out of the air in your home or office and onto your carpet, floor or surfaces. The dust is then analyzed in the Mycometrics laboratory using a DNA-based technology called mold-specific quantitative polymerase chain reaction, or MSQPCR. The results of the test provide a scientifically derived value between about –10 to 20 (or rarely above 20) that is compared to the National ERMI Scale to determine the relative moldiness of the sampled home or business. The ERMI is not meant as an instantaneous measure of moldiness but a long term history of the mold growth in the particular indoor environment. If a water problem has just occurred, it will not detect that. If the environment has recently been radically changed, it will not measure that accurately. For example, if a home has just been completely emptied and cleaned, the ERMI analysis will not give an accurate mold estimate.



Lower ERMI values generally indicate that molds identified in the MSQPCR analysis are at low concentrations and are primarily from typical outdoor sources. Higher values indicate increased probability of mold growth indoors from water damage and consequently an increased probability of mold exposure to the occupants in the sampled home or business. However, it is important to remember that the ERMI is a mold index and not a health index. People can respond very differently to molds depending on many factors including, their genetic make-up, age, preexisting health conditions etc. Medical questions should always be addressed with your own physician.

In order to obtain the most accurate results and ERMI values for your samples, follow the directions provided with the AccuDust™ or AccuCloth™ sample collection procedure. The dust sample(s) will be collected in a single AccuDust™ canister or a single Accucloth™.

Currently, **three methods** of dust collection can be utilized:

1. Use the **AccuDust™ canister** with your vacuum cleaner to collect dust from a 3ft by 6ft area of your wall-to-wall carpet. Please see instructions with the kit.

2. Use the **AccuCloth™** (Swiffer™ **cloth**) as an alternative where the standard vacuuming procedure cannot be recommended, such as on wood, tile and linoleum floors, or on surfaces of tables and cabinets. Please see instructions with the kit.

3. A **vacuum bag** can be submitted as a sample for analysis. You may also take a handful of dust out of the vacuum bag (please wear gloves) and send that to us.

At this time we are unable to combine vacuum canister, cloth and/or vacuum bag samples into one test. That is, your samples must be obtained by one of the three methods, and samples obtained by two (or three) methods have to be tested separately.

Before collecting any dust samples, please familiarize yourself with the sample collection kit contents and dust sampling instructions. After sample collection, confirm that the dust sample(s) and the chain-of-custody (**COC**) form are labeled appropriately. Be sure to sign and date at the bottom of COC form before submitting your sample(s) to Mycometrics.

For customers referred by their physicians:

If you would like us to send your report to your physician, then please fill in the physician's name and e-mail address in the "**OTHER CONTACTS**" section of the COC form. The report will be sent to your physician if you have given us his/her email address.

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Chain-of-Custody(COC) Form

Project NO: 051011-002

CLIENT INFORMATION			
Name: John Doe or Jane Doe			Project Name: EC1234-John Doe
Company(optional):	Tel : 123-456-7890		
Address: 11 Demo Rd			Email: JDoe@gmail.com
City: Princeton	State: NJ	ZIP: 08544	Please print legibly as result(s) will be sent by email.

OTHER CONTACTS (IF YOU NEED US TO SEND THE REPORT TO PHYSICIAN OR THIRD PARTY)	TURNAROUND TIME (TAT) UPON RECEIVING SAMPLES
JaneDoe@hotmail.com Results@doctoroffice.com	**STD is the default TAT if nothing is checked.** [x] ***STD*** **: Standard, 5~7** Business Days (**BD**) ; [ ] ***3 BD***: End of 3rd Business Day (**+25%** surcharge); [ ] ***2 BD***: End of 2nd Business Day (**+50%** surcharge); *Sample(s)* ***must*** *be received* ***before 10:30AM*** *(EST)* (i.e. FedEx priority overnight) [ ] ***SD***: Same Business Day (**+100%** surcharge); *Sample(s)* ***must*** *be received* ***before 10:30AM*** *(EST)* (i.e. FedEx priority overnight) [ ] ***WH***: Weekend/Holiday (**+200%** surcharge); Please **notify** us in advance so we can make proper arrangements for the weekend/holiday TAT.
Please print legibly as result(s) will be sent by email. **Email:** LabReport@doctor.com	

☐**HERTSMI**(PCR10.5)‡ or ☒**ERMI** **Sample LOG** **Date Sampled:** 11 / 09 / 15

Sampler's Name: Jane Doe [ ]Visible mold, [ ]Moldy smell, [✓]No visible mold,[ ]Unknown

Address where sample(s) taken: 11 Demo Rd [ ]Buying, [ ]Renting, [✓]Currently reside,[ ]Working space

#	Sample Name (ID)	Please specify sample Location	Notes
1	EC1234	MBR, LR, Office	**(1)** A non-refundable fee (kit+ shipping & handling) will be charged when the customer decides to cancel sample submission or ERMI / HERTSMI analysis after receiving the kit(s). **(2)** ‡At this time, we are unable to provide any recommendations or interpretations for the Hertsmi-2 test (PCR10.5). **(3)** At this time, we cannot combine samples. We are also unable to combine vacuum and/or cloth samples. (i.e. One Cloth or One Canister = One Sample Analysis !).

Comments (optional): In the space below, please provide as much info as possible to help our client to interpret the Data. Indicate 1). The time since the carpet has been recently installed or cleaned. 2). The time since the property has been renovated. 3). The time since the property has sustained water damage. 4). Any additional info as to why you are sampling for ERMI. *(Use the back for more space).*

Relinquished by: (sign) J Doe (Print): John Doe Date & Time: 11/9/2015 11:59am

Received by Mycometrics: (sign) (Print): Date & Time: