



SAMPLE REPORT

**Home Air Check™
Surface Dust Report**

Client Sample ID: Dust
Laboratory ID: 6016-1

Home Air Analysis For: Manuel Jesus
Home Tested: 4536 Gaston Way
Traverse City, MI 77665
U.S.A.

Report Number: 6016

Order Date: 01/12/2016
Scan Date: 01/14/2016
Report Date: 01/16/2016

Client Sample ID: Dust
Sample Volume (L): 1
Date Sampled: NO SAMPLE DATE
Sample Type: Tape Lift

Location/Notes:
Surface Dust



Thank you for using Home Air Check!

If you have questions about your report,
please contact customerservice@homeaircheck.com

Surface Test Overview

The categories used in this report provide an assessment of the most common indicators of general cleanliness, specific particulate contaminants, and mold spore contaminants within buildings. The assessment of "high," "moderate," or "low" levels should **NOT** be used as indicators of "safe" or "unsafe" conditions; they are used only in relation to levels typically found in other homes.

The information below shows the level of dust or mold indicators present in the sampled location separated into several categories. Each category represents a particular type of material or activity and can be used to evaluate the various contributions to your home. Note that these results are affected by the amount of time since the sampled surface was last cleaned as well as the extent of that cleaning. A recently cleaned surface may not be representative of more typical conditions.

Overall Assessment of Cleanliness Indicators:		Moderate
Overall Assessment of Contaminant Indicators:		High
Overall Assessment of Mold Indicators:		Low

Surface Dust (Cleanliness and Contaminants)

These indicator categories measure the impact of occupant activity, building maintenance, and dust generated from HVAC systems, building furnishings, or renovation activities.

Surface Mold

Surface mold testing shows the amount of settled spores and growing mold in the location sampled. The mold indicator categories provide information about the level of mold infiltration from outside and/or indication of indoor growth sources. There are always spores in the air, it takes the right conditions for those spores to grow on surfaces or contents. "Settled" spores do not necessarily indicate mold growth and may indicate inadequate cleaning. Growing mold is more specific to the location tested and may not be indicative of more general conditions. Mold requires moisture to grow; areas with a leak, condensation, or chronic moisture build up are potential sites for mold to grow.



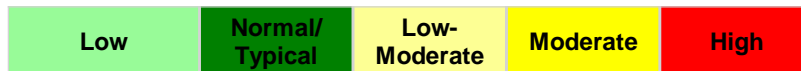
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Surface Dust Results - Individual Categories

The information below shows the level of dust or mold indicators present in the sampled location separated into several categories. Each category represents a particular type of material or activity and can be used to evaluate the various contributions to your home.

	Classification	Category	Description
Cleanliness Indicators	Moderate	Skin Cell Fragments	Moderate human activity or surface accumulation
	Low-Moderate	Cellulose/Fabric Fibers	Moderate level of fabric or paper-based fibers present
	Normal/Typical	Black Dust	Typical level of decay or rust; other dark materials
	Moderate	Soil/Mineral Dust	Moderate amount of mineral or construction dust
Contaminant Indicators	Low	Pollen	Background level
	High	Fiberglass Fibers	Significant fiberglass materials present
	High	Other/Atypical	Significant level of less commonly encountered types of dust particles
Mold Indicators	Normal/Typical	Common Mold Indicators	Average / typical level of mold spores
	Low-Moderate	Long-Term Mold Indicators	Low levels of "chronic" water indicating mold spores
	Low	Outdoor Fungi	Below average level of infiltration and settling of outdoor fungi

Note: Severity levels begin at Low and progress through Normal/Typical, Low-Moderate, Moderate, and/ High. The color progression from green to red indicates results that are increasingly atypical and suggest potentially higher risk.





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Category	Description	Meaning
Cleanliness Indicators		
Skin Cell Fragments	Epithelial cells; dander	Human or pet activity
Cellulose / Fabric Fibers	Cellulose, fabric, & synthetic fibers	Presence of fabrics and paper fibers
Black Dust	Dark-colored biogenic decay; corrosion; paint, etc.	Biologic, metal, or surface breakdown
Soil / Mineral Dust	Light-colored crystalline minerals & construction	Air from outdoors and/or recent renovation
Contaminant Indicators		
Pollen	Reproductive spores of flowers	Intrusion of air from outdoors
Fiberglass Fibers	Man-made fibrous glass fibers	Breakdown of fiberglass insulation materials
Other / Atypical	Specific unusual or atypical particles	Less common materials or activities
Mold Indicators		
Common Growth Indicators	Species commonly associated with indoor growth	Mold growth
Long-Term Mold Indicators	Species commonly associated with persistent growth	Chronic mold growth, continuous water source
Outdoor Fungi	Species commonly found primarily outdoors	Infiltration of air from outdoors

Additional Resources

There are many online sources of information on indoor air quality and the sources that contribute to poor IAQ. For your benefit, we have listed some of the best places to find more in-depth information on these topics, and to gain further insight into how to improve your overall IAQ.

Indoor Air

- U.S. Environmental Protection Agency, [Indoor Air Quality](#)
- U.S. Environmental Protection Agency, [An Introduction to Indoor Air Quality \(IAQ\)](#)
- California Environmental Protection Agency, Air Resources Board [Indoor Air Program](#)
- American Lung Association, [Healthy Air at Home](#)

Mold & Moisture Control

- Centers for Disease Control and Prevention, [Environmental Hazards & Health Effects, Mold](#)
- U.S. Environmental Protection Agency, [Mold Overview](#)
- U.S. National Library of Medicine & National Institutes of Health, Medline Plus, [Molds](#)

Respiratory Health

- Breathe California of the Bay Area [Resources](#)
- Centers for Disease Control and Prevention, Environmental Hazards & Health Effects, [Air Pollution & Respiratory Health](#)
- American Lung Association, [Health House](#)

Environmental Analysis Associates (EAA) is nationally recognized as a leader in microscopy analysis and interpretation. EAA has over 25 years experience in dust and particulate analysis.

There are no universal guidelines for estimating potential contamination. This report follows the basic guidelines outlined in Chapter 14.2.2 of the ACGIH 1999 document "Bioaerosols: Assessment and Control" by accounting for average baseline data inside buildings with HVAC supplied air.

These results are authorized by the Laboratory Director or approved representative.

This analysis was performed by Environmental Analysis Associates (EAA) on behalf of Prism Analytical Technologies, Inc. (Prism), the developer of Home Air Check. The results contained in this report are dependent upon a number of factors over which neither EAA nor Prism has control, which may include, but are not limited to, the sampling technique utilized, the size or source of sample, and the ability of the sampler to collect a proper or suitable sample. Therefore, the opinions contained in this report may be invalid and cannot be considered or construed as definitive and neither EAA or Prism, nor its agents, officers, directors, employees, or successors shall be liable for any claims, actions, causes of action, costs, loss of service, medical or other expenses or any compensation whatsoever which may now or hereafter occur or accrue based upon the information or opinions contained herein.

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