

September 11, 2007



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[www.techtron.biz](http://www.techtron.biz)

XXXXX XXXXX  
 XXX Main St.  
 XXXXXXX, New York

TEI Job #: JOS-07-11069  
 Samples Rec'd: 9/10/07  
 Samples Analyzed: 9/11/07  
 Analyzed by: MC  
 Sample medium: Jossam Sampler  
 Collection Method: Vacuum  
 Time run (minutes): 9

Tests Ordered  
 Total Dust  
 Mold Spores  
 Dander  
 Carcinogenic Fibers  
 Pollen  
 Soot

Congratulations! You have just taken a major step in taking control of your own health by finding out what is in the air you breathe.

You and/or your environmental professional can now effectively reduce the identified specific pollutants even if "normal" levels are found. Remember, you don't have to be satisfied with "normal" air. You can take steps to reduce contaminants in your air to a level that meets your standards.

You may wish to share your results with your Physician so that he or she may be better able to identify whether your air is contributing to your allergies, asthma, and/or other medical problems. You may also wish to visit our website at [www.techtron.biz](http://www.techtron.biz) and the referenced links for additional information.

Summary Totals	Your Results	Units
Total Dust	<b>1,356,090</b>	Particles per cubic meter
Carcinogenic fibers	<b>5,435</b>	Fibers per cubic meter
Dander	<b>27,218</b>	Particles per cubic meter
Mold	<b>8,820</b>	Spores per cubic meter
Pollen	<b>0</b>	Grains per cubic meter
Soot	<b>943,080</b>	Particles per cubic meter

**Total Dust**

Your results shown above are above average levels for most homes. "Average" is defined as less than 250,000 particles per cubic meter. Keep in mind that there are no government-regulated levels established for house dust.

**Carcinogenic Fibers**

Your results shown above are below the "normally accepted" clean air criteria established by state and federal agencies of 10,000 fibers per cubic meter (0.01 fibers per cubic centimeter). Fiber counts *do not* differentiate between asbestos and other fibers (i.e. cellulose, fiberglass).

**Dander**

Your results shown above are above average levels for most homes. "Average" is defined as less than 10,000 particles per cubic meter. Keep in mind that there are no government-regulated levels established for dander.

**Mold Spores**

Mold spores identified	Concentration (spores per cubic meter)	Range
Basidiospores sp.	1,840	Low
Cladisporium sp.	365	Low
Cladisporium herbarium	365	Low
Penicillium/Aspergillus sp.	6,250	Average
<i>Total mold count</i>	<i>8,820 *</i>	<i>Average</i>

sp. = species

\* While the overall mold count is acceptable, an individual mold species can be defined as high if it is in higher quantities than outdoors, or if it is a species not commonly found in outdoor air.

Your results shown above are within average levels for most homes.

**Mold Ranges Defined**

Low: 1 – 4,000; Below normal levels found in indoor/outdoor air

Average: 4,001 – 10,000; Normal levels found in indoor/outdoor air

High: 10,001 – 30,000; Above normal; may want to have further testing/investigating

Very High: 30,000 +; Problem may exist in your home; recommend further testing/investigating

There is wide variability in how different people are affected by mold. The ranges given here are in reference to normal outdoor air for this time of year. Some people may be sensitive to "low" levels. If you believe that you have symptoms that you suspect are caused by exposure to mold or your indoor air quality, you should consult a physician. Keep in mind that many symptoms associated with mold exposure may also be caused by many other illnesses. Your physician may find this report useful. Many species of mold can make toxins that could make one sick, and it is not clear that any one mold is worse than another. Therefore, all molds should be treated with equal respect.

Mold spore numbers will vary according to time of day, seasons, rainfall/moisture, wind and temperature. There are many ways for mold spores to enter indoor air. Spores are carried into the home through open windows and doors, and on clothing and pets.

Keep in mind that there are no government-regulated levels established for mold and that we use nationally published mold levels to determine the ranges. Please refer to the US Environmental Protection Agency website for further information regarding indoor air: [www.epa.gov](http://www.epa.gov)

**Pollen**

No pollen detected. Your results shown above are below average levels for most homes.

**Pollen Ranges**

Low: 1 – 10; Below normal levels found in indoor/outdoor air

Average: 11 – 50; Normal levels found in indoor/outdoor air

High: 51 – 300; Above normal; may want to have further testing/investigating

Very High: 301 +; Problem may exist in your home; recommend further testing/investigating

**Soot**

Your results shown above are above average levels for most homes. "Average" is defined as less than 20,000 particles per cubic meter. Keep in mind that there are no government-regulated levels established for soot in air. Soot counted includes *all* combustion products, including automobiles, fireplaces, power plants, etc.

Please feel free to give us a call if you have any questions.

Laboratory Manager,

Melissa Cook

Results are based on sampling information provided by the client and are only valid for specific samples tested.

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