

# PRO-LAB/SSPTM

3300 Corporate Avenue, Bldg., 112  
Weston, Florida 33331  
Toll Free: 800-427-0550

### Test Address:

SMITH-123 SHADY SIDE LANE, WETSTON, FL 33331

# Mold Analysis Report NON-VIABLE Spore Trap

**Report Number:** 102902-0160  
**Received Date:** 10/29/02  
**Reported Date:** 10/29/02  
**Analysis By:** SSPTM, Inc.

### Client:

Bob Fungi Sample Home Inspection  
123 Mold Lane  
Weston, FL 33331

*Alyssa Murray*

Alyssa Murray, QAQC

**Phone:** (954) 384-4446

**Fax:**

**Email:**

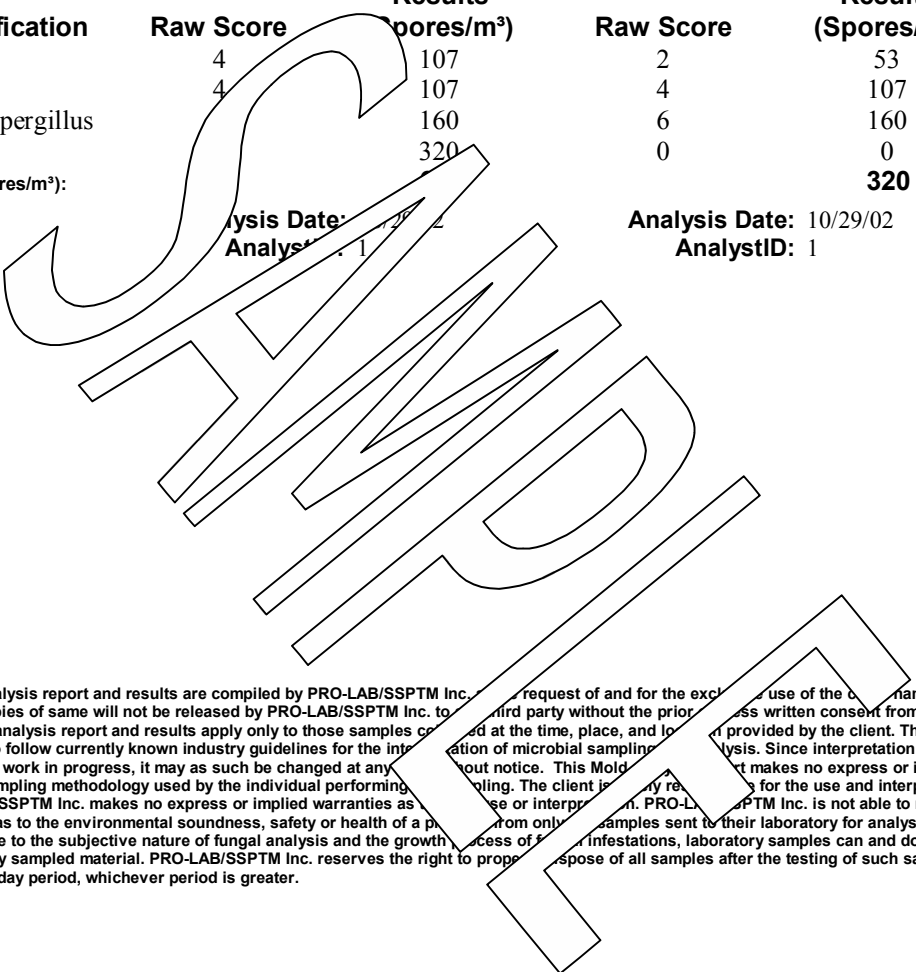
## Your Results

<b>Pro-Lab Number:</b>	102902-0160	102902-0159
<b>Date Collected:</b>	10/28/02	10/28/02
<b>Collection Location:</b>	INTERIOR	OUTSIDE
<b>Sample Submitted:</b>	Air-O-Cell	Air-O-Cell
<b>Volume (L):</b>	150	150
<b>Chain of Custody#:</b>	45678	12345

Spore Identification	Raw Score	Results (Spores/m <sup>3</sup> )	Raw Score	Results (Spores/m <sup>3</sup> )
Alternaria	4	107	2	53
Curvularia	4	107	4	107
Penicillium/Aspergillus		160	6	160
Stachybotrys		320	0	0
<b>Total Spores (Spores/m<sup>3</sup>):</b>				<b>320</b>

**Analysis Date:** 10/29/02  
**AnalystID:** 1

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## Your Results

*The following fungal descriptions are pertinent to the samples collected. General characterization of mold is made with respect to their most common impact to human health. Many genus of molds have species with varying characteristics.*

Spore Name	Description
Alternaria	EXTREMELY WIDESPREAD AND UBIQUITOUS. OUTDOORS IT MAY BE ISOLATED FROM SAMPLES OF SOIL, SEEDS, AND PLANTS. IT IS COMMONLY FOUND IN OUTDOOR SAMPLES. IT IS OFTEN FOUND IN CARPETS, TEXTILES, AND ON HORIZONTAL SURFACES IN BUILDING INTERIORS. OFTEN FOUND ON WINDOW FRAMES. IT MAY BE RELATED TO BAKERS ASTHMA. IT HAS BEEN ASSOCIATED WITH HYPERSENSITIVITY PNEUMONITIS, SINUSITIS, DERMATOMYCOSES, ONYCHOMYCOSIS, SUBCUTANEOUS PHAEOHYPHOMYCOSIS, AND INVASIVE INFECTION. COMMON CAUSE OF EXTRINSIC ASTHMA (IMMEDIATE-TYPE HYPERSENSITIVITY: TYPE I). ACUTE SYMPTOMS INCLUDE EDEMA AND BRONCHIOSPASMS; CHRONIC CASES MAY DEVELOP INTO PULMONARY EMPHYSEMA. REPORTED TO BE ALLERGENIC.
Curvularia	REPORTED TO BE AN OBLIGATE PARASITE. IT MAY CAUSE CORNEAL INFECTIONS, MYCETOMA AND INFECTIONS IN IMMUNO-IMPAIRED HOSTS.
Penicillium/Aspergillus	THIS SPECIES IS CONSIDERED COMMON TO INDOOR ENVIRONMENTS. COMMONLY FOUND IN SOIL, FEEDSTUFFS, CELLULOSE, AND WOOD. IT IS CONSIDERED A COMMON CONTAMINANT OF FOOD. IT IS A COMMON CAUSE OF ALLERGIC ALVEOLITIS. IT MAY CAUSE HYPERSENSITIVITY PNEUMONITIS AND ALLERGIC ALVEOLITIS IN SUSCEPTIBLE INDIVIDUALS. IT IS REPORTED TO BE ALLERGENIC. COMMON CAUSE OF EXTRINSIC ASTHMA (IMMEDIATE-TYPE HYPERSENSITIVITY: TYPE I). ACUTE SYMPTOMS INCLUDE EDEMA AND BRONCHIOSPASMS; CHRONIC CASES MAY DEVELOP INTO PULMONARY EMPHYSEMA. REPORTED TO BE ALLERGENIC. IT HAS MULTIPLE OBLIGATE PARASITIC SPECIES. IT IS REPORTED TO BE ALLERGENIC. IT HAS ALSO BEEN REPORTED TO CAUSE SKIN INFECTIONS.

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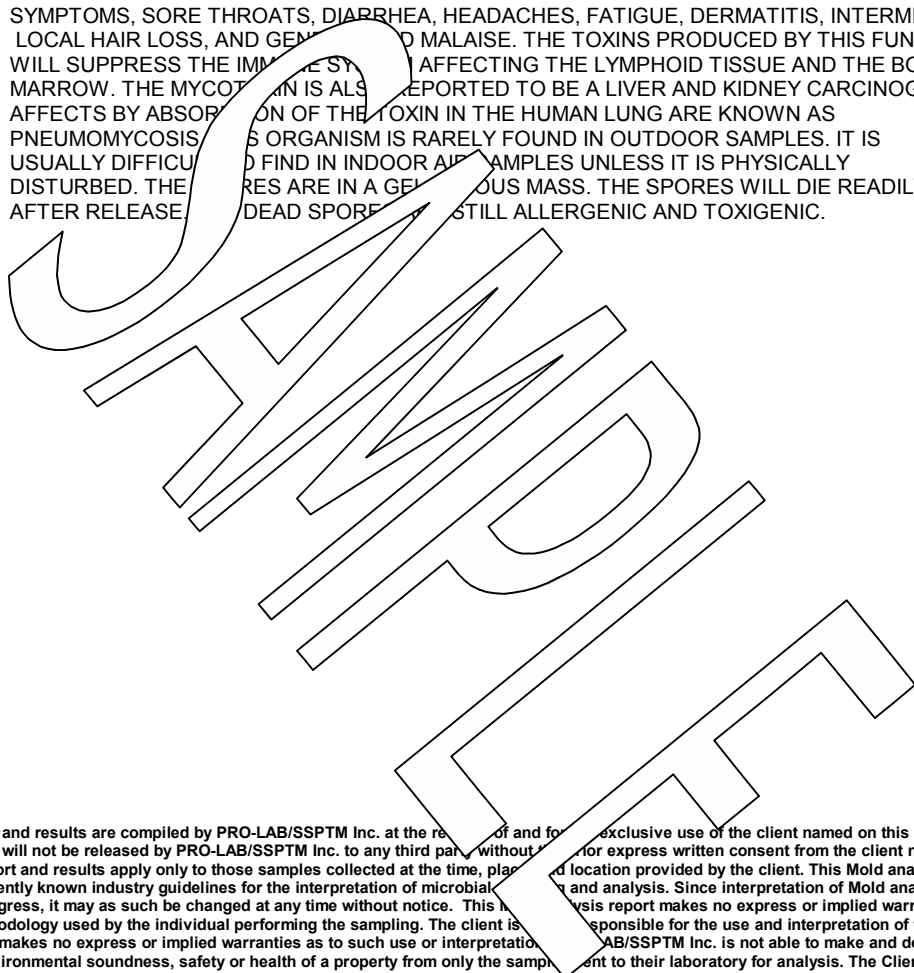
**Fax:**

**Email:**

Stachybotrys

**Your Results**

THIS FUNGUS MAY PRODUCE A TRICHOHECENE MYCOTOXIN- SATRATOXIN H - WHICH IS POISONOUS BY INHALATION. THE TOXINS ARE PRESENT ON THE FUNGAL SPORES. THIS IS A SLOW GROWING FUNGUS ON MEDIA. IT DOES NOT COMPETE WELL WITH OTHER RAPIDLY GROWING FUNGI. THE DARK COLORED FUNGI GROWS ON BUILDING MATERIAL WITH A HIGH CELLULOSE CONTENT AND A LOW NITROGEN CONTENT. INDIVIDUALS WITH CHRONIC EXPOSURE TO THE TOXIN PRODUCED BY THIS FUNGUS REPORTED COLD AND FLU SYMPTOMS, SORE THROATS, DIARRHEA, HEADACHES, FATIGUE, DERMATITIS, INTERMITTENT LOCAL HAIR LOSS, AND GENERAL MALAISE. THE TOXINS PRODUCED BY THIS FUNGUS WILL SUPPRESS THE IMMUNE SYSTEM AFFECTING THE LYMPHOID TISSUE AND THE BONE MARROW. THE MYCOTOXIN IS ALSO REPORTED TO BE A LIVER AND KIDNEY CARCINOGEN. EFFECTS BY ABSORPTION OF THE TOXIN IN THE HUMAN LUNG ARE KNOWN AS PNEUMOMYCOSIS. THIS ORGANISM IS RARELY FOUND IN OUTDOOR SAMPLES. IT IS USUALLY DIFFICULT TO FIND IN INDOOR AIR SAMPLES UNLESS IT IS PHYSICALLY DISTURBED. THE SPORES ARE IN A GELATINOUS MASS. THE SPORES WILL DIE READILY AFTER RELEASE. DEAD SPORES ARE STILL ALLERGENIC AND TOXIGENIC.



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