

MYCOMETER® AIR FUNGI

WHAT IS MYCOMETER® AIR FUNGI?

Mycometer air Fungi (MAF) is a tool for rapid on-site measurements of the level of aerosolized mold in a room. It is based on collecting air samples on a high capture efficiency 25 mm MCE filter using Mycometer's standardized protocol for activated air sampling.



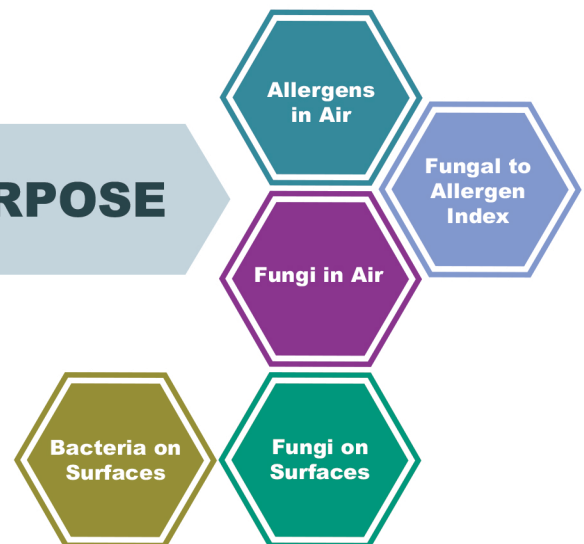
ONE INSTRUMENT - MULTI PURPOSE

ADVANTAGES

- Rapid quantification of all fungal particles; hyphae, spores, and micro fragments in the air.
- Results are highly reproducible and representative for exposure potential.
- Analysis is free from subjective evaluation by microscopy interpretation.
- Interpretation criteria provided.
- Results easy to communicate and without need for reference samples.



mycometer
rapid microbiology – on-site technology



APPLICATIONS

- Rapid post remediation verification.
- Assessment of the potential exposure to fungi (mold).
- Initial diagnostic assessment to locate mold sources.

Mycometer is the leading developer of user friendly, robust and rapid, on-site microbiology methods for the IAQ Industry for over 25 years.



- USEPA verified technology
- ASHRAE Innovation Award Recipient
- Library of peer reviewed independent scientific studies



INTERPRETATION CRITERIA

Benchmarks prepared in collaboration with University College London.

- A+** The level of fungi is low and corresponds to what is found in rooms/buildings without fungal (mould) growth and/or moisture problems and a high cleaning standard.
- A** The level of fungi is normal and corresponds to the level typically found in rooms/buildings without fungal (mould) growth or moisture problems and a normal cleaning standard.
- B** The level of fungi is elevated and corresponds to what is found in rooms/buildings with an inadequate cleaning standard. If the cleaning standard is good or very good, a category B result should lead to an extra thorough inspection to exclude the presence of a fungal source (fungal growth).
- C** The level of fungi is high, which means that there is a fungal source (fungal growth) or a very poor cleaning standard. The high level of fungi should lead to a thorough inspection to determine the source.
- D** The level of fungi is very high, which means that there is a fungal source (fungal growth) or a very poor cleaning standard. The very high level of fungi should lead to a thorough inspection to determine the source.

Mycometer® air Fungi

Result sheet

Case number: XXY321 Sampling date: 03 March 2023
 Address: Office building YYZ Date of analysis: 03 March 2023
 Sampled by: Name
 Notes: _____

Sample ID	Test site	Mycometer value (MAFV / m ³)	A+	A	B	C	D
1	Site 1 post cleaning	20	X				
2	Site 2 post cleaning	13	X				
3	Site 3 post cleaning	147			X		
4	Site 4 post cleaning	40		X			

Sample ID	Test site	Mycometer value (MAFV/m ³)	A+	A	B	C	D
1	Site 5 pre new inspection	640				X	
2	Site 6 new inspection	8160					X

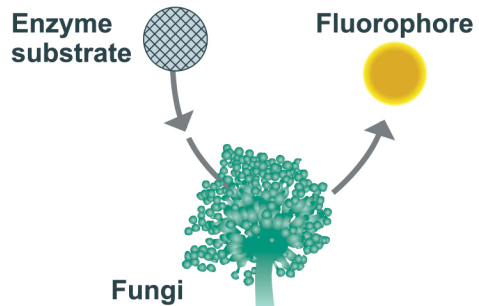
MAFV = Mycometer air Fungi value

THREE EASY STEPS

1. Collect an air sample.
2. React sample with substrate ~ 1 hour.
3. Measure sample in fluorometer.

HOW DOES IT WORK?

The principle of the technology is Enzyme Targeted – Fluorogenic Detection



ADDITIONAL INFORMATION

- One equipment kit used for all sample and analysis types.
- Certification training provided with each kit.
- Online access to videos, procedures, and documentation.
- Each sample test assay contains sampling media and chemistry for one sample.
- Assays are stored under refrigeration; shelf life 18 months.