

MYCOMETER® AIR ALLERGEN

WHAT IS MYCOMETER® AIR ALLERGEN?

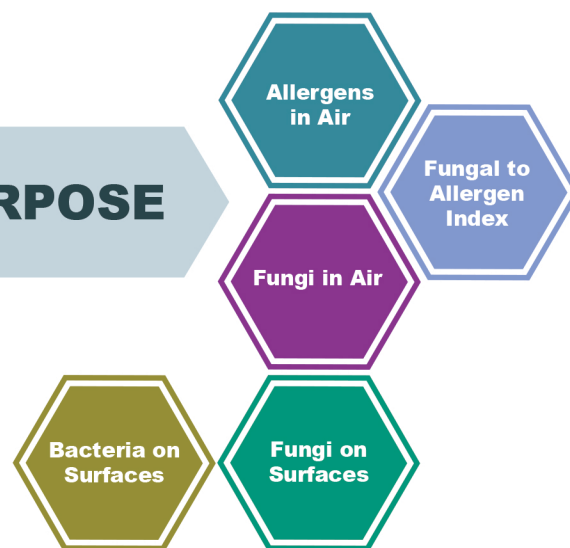
Mycometer air Allergen (MAA) is a tool for rapid on-site measurements of the level of total typical indoor allergens (dust mites, pollen, mold, skin dander, insect parts etc.) that can become airborne. It is based on collecting an air sample on a high capture efficiency 25 mm MCE filter using a standardized protocol for activated sampling.



ONE INSTRUMENT - MULTI PURPOSE

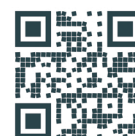
ADVANTAGES

- Only method that allows rapid quantification of the level of total allergens in the air.
- Results are highly reproducible and representative of the potential exposure.
- Interpretation criteria provided.
- Results are easy to communicate and without need for reference samples.



APPLICATIONS

- Assessment of the cleaning standard.
- Rapid verification of the cleaning efficacy.
- Assessment of the potential exposure to allergens.





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



INTERPRETATION CRITERIA

Benchmarks prepared in collaboration with University College London.

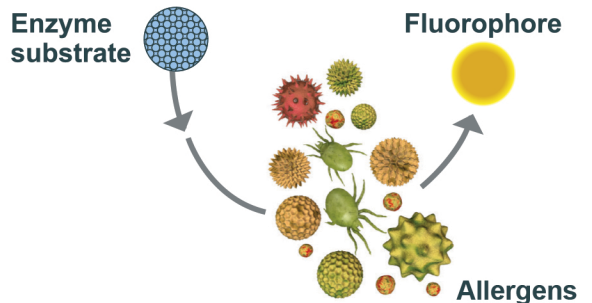
- A+** The level of allergens is low, corresponding to what is found in rooms/buildings with a high cleaning standard.
- A** The level of allergens is normal, corresponding to what is found in rooms/buildings with a normal cleaning standard.
- B** The level of allergens is elevated, corresponding to what is found in normal rooms/building with a normal to poor cleaning standard.
- C** The level of allergens is high. This is often an indication of an inadequate cleaning standard.
- D** The level of allergens is very high. This is often an indication of a highly inadequate cleaning standard and/or a significant influence from allergen sources such as pets, mould, dust mites etc.

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



Mycometer® air Allergen Result sheet

Case number: XYZ621-1 Sampling date: 03 March 2023
 Address: Hotel address Date of analysis: 03 March 2023
 Sampled by: Name
 Notes: _____

Sample ID	Test site	Mycometer value (MAAV / m³)	A+	A	B	C	D
1	Hotel room 1 pre cleaning	1473			X		
2	Hotel room 2 pre cleaning	640		X			
3	Hotel room 3 pre cleaning	2900				X	
4	Hotel room 321 post cleaning	7	X				
5	Hotel room 322 post cleaning	47	X				
6	Hotel room 223 post cleaning	153	X				
7	Hotel room 234 post cleaning	73	X				

MAAV = Mycometer air Allergen value

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.