

FUNGAL TO ALLERGEN INDEX (FAI™)

WHAT IS FUNGAL TO ALLERGEN INDEX (FAI™)?

FAI is a technology specifically developed for determining presence of a fungal source (mold growth). Two, side by side air samples are collected using Mycometer's standardized protocol for activated air sampling. One sample is analyzed for presence of a fungal enzyme activity, the other for an enzyme generally present in biological materials found in the indoor environment (dust mites, dander, pollen, fungi, insect part and other). These measurements provide 1) the level of fungi and 2) the level of total allergenic materials including fungi. The FAI value is calculated as the of total fungi to total allergens. The higher the FAI value the greater the likelihood of a fungal source (mold growth), amplifying the level of fungal particles to other indoor particles.



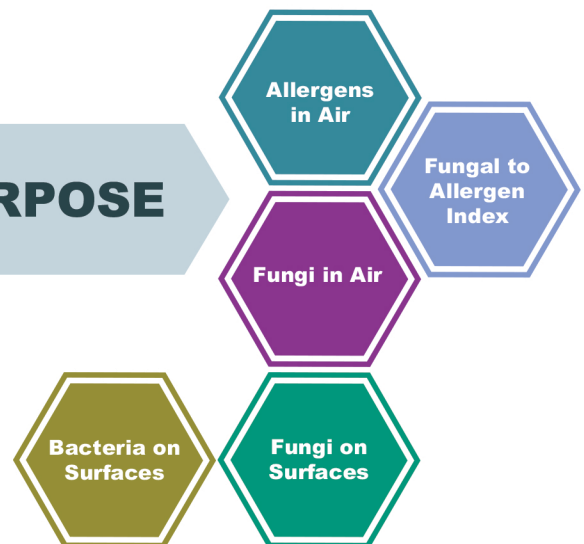
ONE INSTRUMENT - MULTI PURPOSE

ADVANTAGES

- Rapid assessment of the presence of a fungal source (mold growth).
- Results are quantitative and highly reproducible.
- Results are uniquely representative of the environment regardless of the level of activity or air movement in the room.
- Interpretation criteria provided are easy to communicate results.
- Results are independent of the cleaning standard.



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rapid microbiology – on-site technology



APPLICATIONS

- Determine if a room is a source of fungal growth.
- Determine if additional spaces are contaminated from a known source in an adjacent space.
- Assessment of the potential exposure to fungi (mold).
- Assessment of the potential exposure to total allergens.
- Assessment of the cleanliness.

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



