



# AMEA: Airborne Mycotoxin Environmental Analysis

Ensure your average 20,000 breathes a day are mycotoxin free.

## Who We Are

21st Global is driven to provide the most accurate, standardized, airborne mycotoxin test on the market. We strive to safeguard the health and well-being of our customers. Through our patented extraction methodology, indoor environments containing mould can now be assessed for toxigenic mycotoxins utilizing an air sample.

## Our AMEA Test

AMEA stands for Airborne Mycotoxin Environmental Analysis. Through this test, 21st Global can identify the 8 most prevalent airborne mycotoxins (if present) in indoor environments. Straight from your air to our labs, we can accurately determine the elevation levels of airborne mould toxins. Air sampling is considered the strongest strategy for the detection of airborne contaminants, especially when conducted for health concerns as it provides a better understanding of inhalation exposure than tests using dust.

## How AMEA Works

AMEA testing follows standardized industry air sampling guidelines to ensure consistent results and eliminate human error. AMEA is performed under active sampling, meaning the air in the room is conditioned to simulate normal activity. One of the cornerstones for AMEA is the research that has been undertaken to determine normal background levels within our indoor environment. AMEA will provide your results against these background levels for indoor airborne mycotoxins. 21st Global uses a patented extraction process to prepare the sample for industry-standard ELISA tests.

## What Are Airborne Mycotoxins?

Airborne mycotoxins are an unseen toxic chemical produced by mould. They pose a serious health risk to those occupying hazardous, water damaged indoor environments. Without proper airborne testing, you may unknowingly be inhaling toxigenic compounds.

CALL US TO ORDER AN AMEA TEST



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# Your Lungs Will Thank You Breathe With Confidence

Don't unknowingly inhale mycotoxins when you don't have to anymore.

## The Importance of Testing Your Indoor Environment



### Health Concerns

If you encounter mould, or have mould allergies, ordering an AMEA test can help rule in or rule out indoor mycotoxins as a contributor.



### No Symptoms?

Not everyone experiences symptoms, which is why toxic mould exposure is so dangerous. Your body can still develop adverse health effects despite not showing any immediate problems.



### Water Damage

Millions of structures in the United States have elevated levels of mycotoxins from previous water damage events.



### Building Clearance

Research shows that current remediation methods can increase mycotoxin exposure to the worker and occupants. An AMEA test can determine if mycotoxins are present following mould removal, making it vital information before re-occupation.



### Spore Trap Testing?

Spore trap sampling does not identify if mycotoxins are present in the air. Research shows that there is no correlation between spore levels and mycotoxins. If you are performing a spore trap test you need to perform an AMEA test to understand the full risk assessment of the structure.