

**KEYSTONE LABS**

# Environmental Monitoring for Compounding Pharmacies

March 2025

*Environmental monitoring is an important part of a well-controlled process to ensure the highest quality product every time. The National Association of Pharmacy Regulatory Authorities (NAPRA) requires sampling of the compounding environment to be performed every six months in conjunction with Gloved Fingertip Sampling (GFS) assessments of personnel.*

*A regular monitoring program is a key component of a strong quality system, ensuring effective control over personnel, the facility, and equipment to maintain a safe, high-quality environment. By identifying microbial issues early in the cycle, you can take swift action to prevent potential problems, further safeguarding the integrity of your operations.*

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## **Key Contact:**

**VP of Business Development**

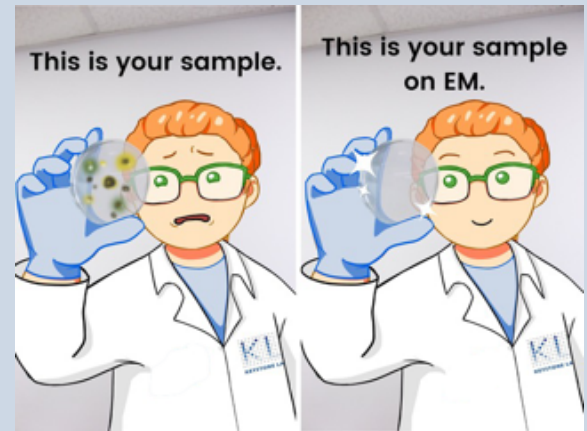
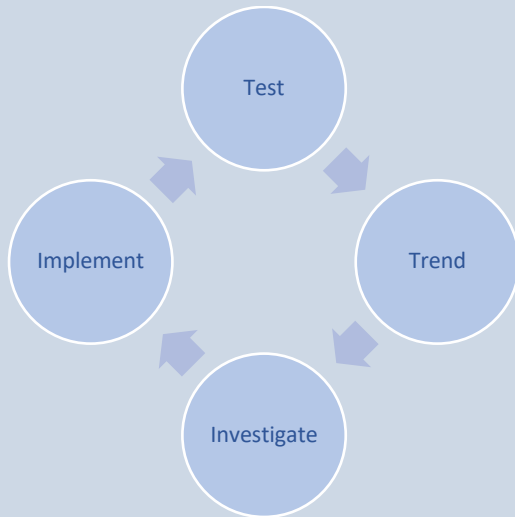
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## What Will Environmental Monitoring Do for You?

- Provide assurance that your operations are in a state of control



## How Does it Work?

Sampling personnel, surfaces, and air at set locations for microbial contamination in your facility on a regular six-month frequency.



**Passive air sampling** involves leaving growth medium exposed to the air for a specific amount of time. Microbial cells settle onto the plate and grow into a colony of cells after incubation. The results are expressed in CFU/hr.

**Surface sampling** utilizes a special kind of plate that leaves the growth medium exposed so it can be pressed onto a surface. Cells will adhere to the growth medium and grow into countable colonies after incubation. The results are expressed in CFU/plate.

**Glove Tip Sampling** utilizes a settling plate which the assessor will gently press and roll each gloved thumb and fingertip on the agar plate surface (one agar plate for each hand). The results are expressed in CFU/plate.

## Expertise Saves You Time and Money

- **Streamlined Efficiency:** Partnering with Keystone reduces the time and resources required for environmental monitoring, allowing you to focus on what you do best.
- **Cost-Effective Solutions:** Our industry expertise and proven methods enable us to design efficient, budget-friendly monitoring programs tailored to your unique needs.
- **Trusted Expertise:** Our team has the knowledge and experience to tackle even your most complex monitoring challenges, providing you with reliable solutions and peace of mind.

## What We Do for You

- **Customized Sampling Solutions:** We provide media tailored to your specific sampling needs, including both contact and air collection plates.
- **Expert Guidance:** Our step-by-step guide ensures that you collect high-quality samples with confidence.
- **Comprehensive Reporting:** Receive a complete, easy-to-understand summary of your sample data.
- **Insightful Analysis:** Our experts go beyond the numbers, offering valuable insights to help you make informed decisions and maintain the highest standards.



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