

Microbial Solutions for  
**Home and Personal Care**



  
charles river



Smarter. Faster. Better.

## Release product in 24 hours without reducing quality

Home and personal care product manufacturers work in a constantly changing market. Confirming product safety and quality while maintaining an efficient and profitable manufacturing process is challenging. Charles River's portfolio provides the necessary services and products essential for consumer safety, all while protecting your company financially and preserving your brand's reputation.





Why waste time and money?

## Decrease time to results and get your products to market faster.

You've driven inefficiencies out of your manufacturing process, but if you're using traditional microbial testing, then you're missing out on what is probably the single greatest opportunity to take days out of your inventory investment. Your money is tied up in inventory that can't be released until you get microbial results. Nothing will change unless you adopt newer, more efficient methods.

**Rapid microbial methods (RMMs) should be your new normal.**

Celsis® rapid microbial detection

# Unlock Efficiency. Unleash the Power.

Our instruments replace subjective traditional testing using eye counts with an automated analysis. This gives you a “Yes/No” answer, providing critical information whether to release or hold products while minimizing changes to your current validation test preparation methods. Companies can reduce traditional microbial limits testing from 3-7 days down to 24 hours using Celsis® rapid microbial detection methods, streamlining production and rapidly confirming product quality. That means in just 24 hours, you’ll have actionable results for bioburden and microbial limits testing, empowering you to make a more confident decision about your products.

**Not all rapid methods are created equally.**

UP TO  
**120**  
assays  
PER HOUR



## Celsis Advance II™

Can help high-throughput manufacturers cut days off production cycles and maintain data integrity.

UP TO  
**30**  
assays  
PER HOUR



## Celsis Accel®

Specifically designed to help small and mid-sized personal and home care product manufacturing facilities.

Your one stop solution for microbial detection

# Rapid results. Easy to use.

A rapid microbial detection platform is only as good as the technology that powers it. Celsis® has the most advanced class of reagents utilizing the adenosine triphosphate (ATP) bioluminescence assay with luciferase, the same enzyme that lights fireflies, to detect microbial organisms. Unlock new efficiencies for your QC workflow and a new level of confidence with an unmatched sample compatibility profile and application range. Celsis® can serve as a single harmonized platform to test your entire product portfolio – standard and over the counter products. We can test products with high or low viscosity, high or low pH, are alcohol or water-based, and a wide variety of preservatives.

**Celsis® is compatible with your products.**



Quantify the value of implementing  
a rapid microbial detection system

# Understand Your Hidden Costs

There are several hidden costs when using a traditional method versus a rapid method, and they may be more than you think. You need to keep your products sitting in a warehouse for 3-7 days waiting on microbial limits test results. That's a significant amount of time where your inventory is stuck and not where you want it to be: in the hands of consumers. Rapid methods cut down that waiting time and get your products out faster, so you need less inventory, less safety stock, and less warehouse space.

To quantify the value of implementing a rapid microbial detection system, we offer a complimentary Financial Impact Assessment. Using readily available information from your company, such as the cost of capital, average value of daily finished goods, current micro hold times, and testing volumes, you can project your company's cost savings over the next five years. The resulting impact reports are specific to your company, confidential, and yours to keep.





The global leader in  
microbial identification

## Accugenix<sup>®</sup>, accuracy you can rely on.

You've detected a contaminant in your product or facility...now what? An accurate ID puts you on the right path. It's critically important that microbial identifications are accurate and reproducible to make confident operational decisions. An incorrect identification will lead you in the wrong direction with lost time, lost profits, and potential recalls if the product has been released.

It is important to understand the origin of the contamination, and change your manufacturing processes from reactive to proactive. Without knowing the microbial environment of your facility, every contamination puts you at square one to identify the root cause. Environmental Monitoring (EM) programs are early warning systems that will save you time and money with faster and more effective investigations. When you work with Accugenix<sup>®</sup> you're partnering with the global leader in microbial identification.

Let us help you identify microbial  
contaminants with Accugenix<sup>®</sup>.

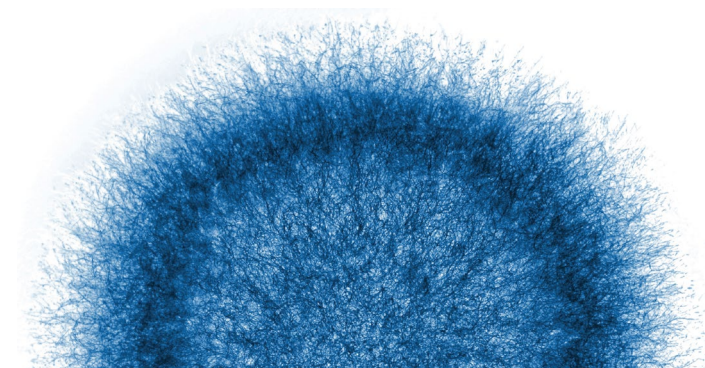


Accugenix<sup>®</sup> microbial identifications are powered  
by our industry-leading proprietary libraries

**AccuGENX-ID<sup>®</sup>** The DNA sequence of each sample submitted for identification is compared to our validated Accugenix<sup>®</sup> library, the industry's most up-to-date microbial database, encompassing over 14,000 relevant species. We're able to distinguish between closely related microorganism groups to the species level, such as *Burkholderia cepacia* complex and others.

**AccuPRO-ID<sup>®</sup>** The MALDI-TOF assay yields quick results and is backed by the Accugenix<sup>®</sup> validated database for bacterial and yeast identification. This solution provides higher accuracy rates than phenotypic methods, faster results, and is a less expensive option for routine monitoring programs. AccuFUN-ID<sup>®</sup> can provide the same proteotypic identification option for fungi.

Standardize your organization's ID approach and  
outsource your identifications to Accugenix<sup>®</sup>.

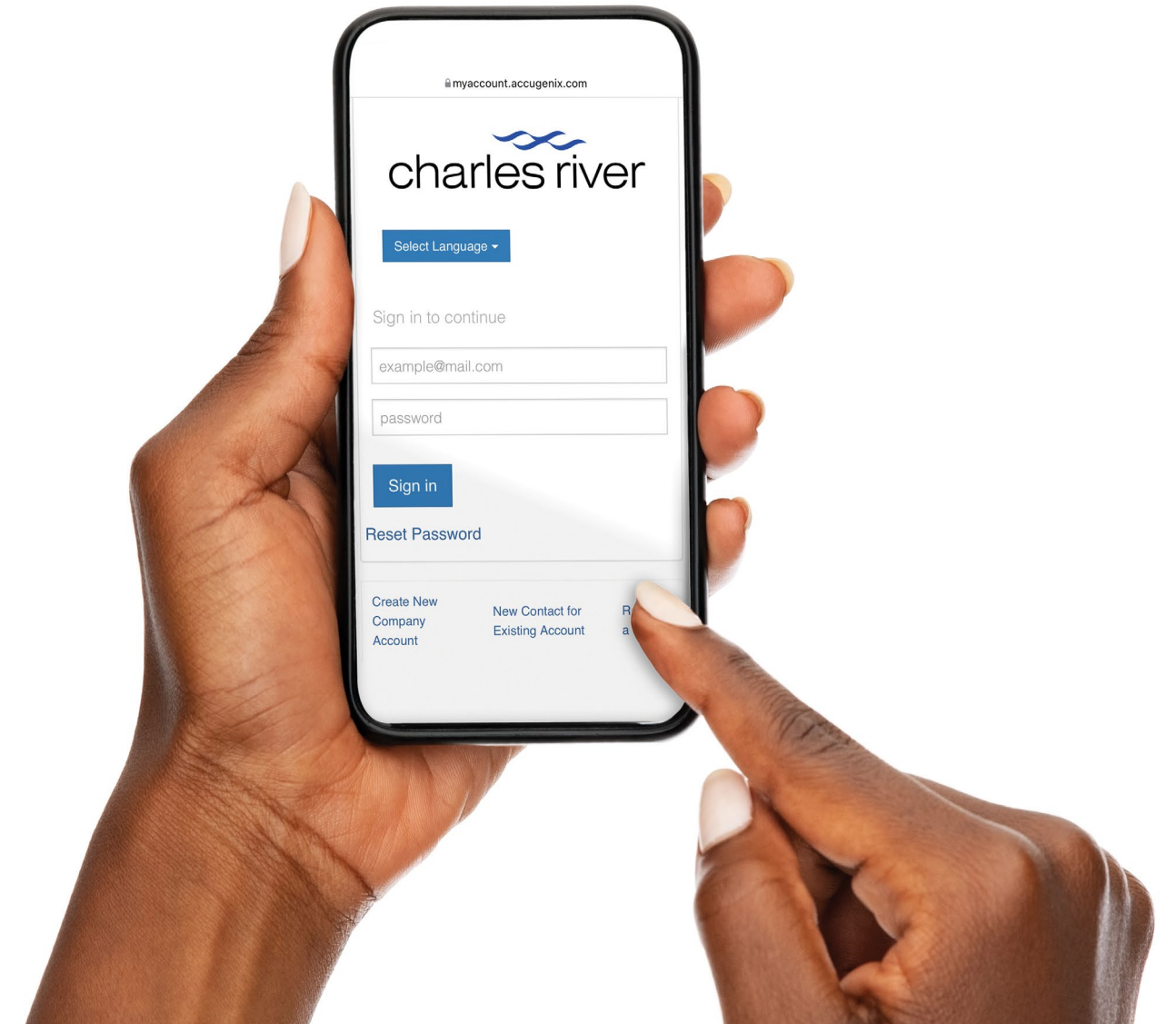


Take complete control of your ID data

# Accugenix<sup>®</sup> is more than a simple identification.

The Accugenix<sup>®</sup> Customer Web Portal includes a robust Tracking and Trending solution for all Accugenix<sup>®</sup> identifications with customizable features for data entry and reports. Accugenix<sup>®</sup> customers can sort and filter specific organisms, analyze frequency of occurrence, review Gram reaction, and more with the highest level of data encryption, system redundancies, and firewall protection which ensures 21 CFR Part 11 compliance.

**What if you could have your microbial ID data available at your fingertips?**





**For more  
information  
visit**

