



# Cleaning and Contamination-Control Solutions for the Cannabis Market

Safety • Compliance • Operational Efficiency

ECOLAB LIFE SCIENCES



# Your Partner in Quality

## SOLVING YOUR CRITICAL CLEANING CHALLENGES

Maintaining a clean facility is critical to your manufacturing operations. Keeping bacteria and mold under control, preventing pesticide and chemical contamination, and ensuring residues from batches don't cross over are key challenges you face every day.

The rapidly growing market for cannabis products presents immense opportunity – and significant operational challenges – to businesses across the seed-to-sale spectrum. As an established leader, Ecolab Life Sciences is your trusted partner in providing comprehensive cleaning, sanitization and contamination-control solutions for cannabis cultivation, processing and manufacturing operations.



## ADVANCED PRODUCTS & LEADING EXPERTISE

Each area of your facility requires special cleaning considerations and solutions. Ecolab's proven products for small to large-scale operations meet the most rigorous standards, including cGMP and EU GMP, that directly address the unique challenges and risks presented by cannabinoid residues and resins - helping ensure a validated, clean and compliant operation.



**Product Quality  
& Safety**



**Compliance &  
Audit-Readiness**



**Operational  
Excellence**

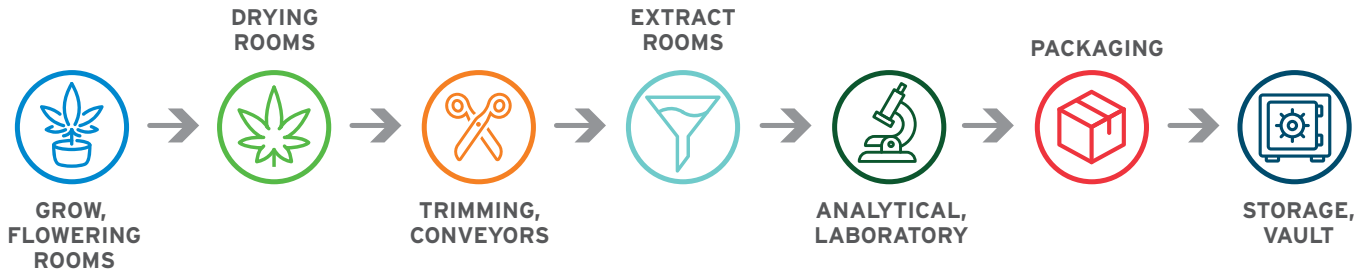
## AN EXPERT REGULATORY PARTNER

Help ensure the audit-readiness of your operation by leveraging deep regulatory experience.

- Build best-practice-based contamination-control programs that stay ahead of rapidly evolving standards
- On-staff experts work with regulatory bodies governing the cannabis market, allowing us to prepare you for the latest considerations and trends
- As the market evolves, we proactively update and enhance your cleaning program to keep you consistently audit-ready

# Advanced Products + Leading Expertise

## A COMPREHENSIVE PORTFOLIO FOR YOUR CORE ENVIRONMENTS



### Bioquell Hydrogen Peroxide Vapor\*

Hydrogen Peroxide Vapor process achieves fast, efficient and residue-free decontamination. Systems are EPA-registered and provide consistent, GMP-compliant 6-log kills for your equipment and spaces.



### COSA CIP: 90, 92, 94 & 96

Alkaline cleaning agents designed to remove typical residues such as oils, fats, proteins and other organic materials.



### COSA Foam 40

Neutral product for manual cleaning that generates stable foam, or can be used as a foam additive with COSA CIP (Clean-in-Place) detergents.



### COSA Oxonia Active

Sanitizer and disinfectant for environmental microorganisms that's EPA-registered and OMRI certified.



### Klercide and Klerwipe 70/30 IPA / Neutral Detergent

Ready-to-use sprays and impregnated wipes for effective cleaning and surface disinfection.



### DrySan Duo, Eco-Wipe Duo

Quick-drying, EPA-registered no-rinse cleaners and sanitizers for low-moisture environments, in a liquid spray or wipe.



### Boost 3200 / 3201 & Surface Treatment

Drain and floor cleaners designed to disinfect and sanitize while helping to remove and control biofilm and other organic contaminants.



\* For surface and equipment use only. Not intended for use on plants

# About Ecolab Life Sciences

Ecolab Life Sciences provides comprehensive cleaning, sanitization and contamination-control solutions that support processing operations along the entire seed-to-sale spectrum in the manufacturing of cannabinoid products. Our advanced chemistry and leading expertise – including innovative products and protocols to address the specific residues, resins and risks of cannabinoid processing – helps organizations ensure the consistent quality and safety of their products, while delivering operational agility needed to capture opportunities for rapid growth.



## VALIDATION SUPPORT

Cleaning, disinfection, and bio-decontamination products with specific & non-specific methods of detection for residues

Templates for SOPs and Master Validation Plans



## GLOBAL COMPLIANCE

Regulatory experts who can review your documentation & SOPs to support your efforts to be globally compliant



## SAFETY & QUALITY

Employee training for safe chemical handling

Support to prevent and eliminate microbial and chemical contamination of your product

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## LEARN MORE TODAY

To find out how Ecolab can help ensure the quality and safety across your operations, visit [www.ecolab.com/lifesciences](http://www.ecolab.com/lifesciences)

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