SRC Environmental Analytical Laboratories

Packages for Testing Microbial Contaminants in Cannabis

SRC Environmental Analytical Laboratories uses the latest rapid microbiological technology in cannabis microbial testing. Our methods are fully validated following United States Pharmacopeia (USP) guidance for alternative microbiological methods. These methods have improved specificity and sensitivity, as well as shortened incubation time.

- ✓ Fast turnaround time (as short as three business days for our rush option)
- ✓ Meets Health Canada regulatory requirements
- ✓ Competitive pricing

How do I pick the package that's right for me?

Our microbial testing packages are created to test against the most common USP and European Pharmacopoeia (EP) specifications. Health Canada requires licence holders to select the specification appropriate for the intended or reasonably foreseeable use of the cannabis product they are producing. Refer to the tables below for commonly requested USP and EP microbial specifications.

To request packages not listed here, please contact analytical@src.sk.ca.

[1] Standard USP Microbial Package

USP-NF <2023>	DRIED CANNABIS	CANNABIS EXTRACT
Total Aerobic Count	<100,000 cfu/g	<10,000 cfu/mL
Total Yeast and Mold	<1,000 cfu/g	<1,000 cfu/mL
BTGN Bacteria	<1,000 cfu/g	N/A
Salmonella spp.	Absence in 10 g	Absence in 10 mL
E. coli	Absence in 10 g	Absence in 10 mL

[2] Standard EP Microbial Package

EP 5.1.8. C	
Total Aerobic Count	<100,000 cfu/g or mL
Total Yeast and Mold	<10,000 cfu/g or mL
BTGN Bacteria	<10,000 cfu/g or mL
Salmonella spp.	Absence in 25 g or mL
E. coli	Absence in 1 g or mL

[1,3] USP/EP Finished Products Packages

USP/EP FINISHED PRODUCTS	
Total Aerobic Count	<100 cfu/g or mL
Total Yeast and Mold	<10 cfu/g or mL
BTGN Bacteria	Absence in 1 g or mL
E. coli	Absence in 1 g or mL
P. aeruginosa	Absence in 1 g or mL
S. aureus	Absence in 1 g or mL

[1] Minimum 15 g or 15 mL of sample required.
[2] Minimum 30 g or 30 mL of sample required.
[3] Finished products include aqueous/nonaqueous preparation for oral use, inhalation, orodispersible films, and other routes of administrations. Refer to USP-NF <1111> or EP 5.1.4. for the complete list.

Contact

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