



MC-Media Pad[®] Yeast & Mold for Cannabis Testing

A convenient quantitative method to examine dried cannabis flower (THC >0.03%) for yeast and mold contamination

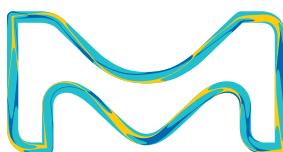
MC-Media Pad[®] Yeast & Mold is a rapid test for yeast and mold contamination in raw and in-process products. It is a sterilized, ready-to-use dry culture device that is coated with a growth medium and a redox indicator for detection. If target organisms are present, they grow as red colored colonies on the test pad. Counting the colonies yields a quantitative result. MC-Media Pad[®] Yeast & Mold is AOAC OMA accredited for microbiological testing.

Why test dried cannabis flower for yeasts and molds?

Cannabis is a plant which hosts many yeast and mold species that replicate fast, which can lead to toxic levels. Ingestion can cause various illnesses in humans. MC-Media Pad[®] Yeast and Mold serves to test for the presence of pathogenic yeasts and thereby helps to streamline microbial QC workflows.

AOAC approval to test cannabis for yeasts and molds

MC-Media Pad[®] Yeast & Mold recently passed the AOAC Emergency Response Validation process and became one of the first methods to be AOAC-certified for the enumeration of yeasts and molds on cannabis product. It was accredited for the microbial quantification of yeasts and molds in dried cannabis flower with a tetrahydrocannabinol (THC) content of more than 0.03%. The method is a matrix extension of the AOAC Official Method of AnalysisSM 2018.02.



Cannabis sample preparation for yeast and mold testing

Preparing a sample of dried cannabis flower is straightforward:

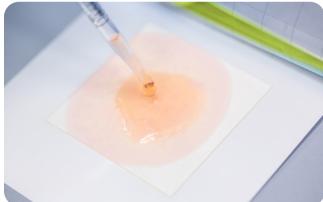
- Weigh 10 g into 90 mL of 0.1% peptone water
- Adjust the pH of the diluted sample to neutral
- Homogenize the sample with a laboratory blender

For smaller samples sizes, ensure that the 1:10 sample to media ratio is observed.

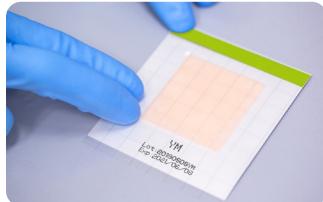
How the MC-Media Pad® Yeast & Mold is used



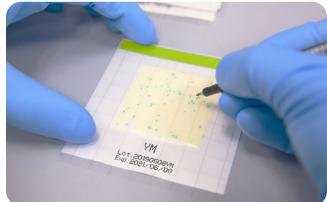
1. Open the cover film diagonally



2. Inoculate with sample (will automatically diffuse into whole pad)



3. Close the cover film and incubate



4. Count the grown colonies

Ordering information:

Cat. No.	Product name	Packaging
1.32360.0001	MC-Media Pad® Yeast and Mold	100 tests



Scan the QR code or Order at:

SigmaAldrich.com/mc-mediapad

To place an order or receive technical assistance

Order/Customer Service: SigmaAldrich.com/order

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