

ARKANSAS PRODUCE SAFETY



Microbial Water Quality Profile (MWQP): Water Testing Labs for Arkansas Growers



Many farms must test their agricultural water sources in order to comply with the Food Safety Modernization Act (FSMA) Produce Safety Rule (PSR). **On the following page is a list of laboratories that conduct water testing in accordance with the FDA requirements** and that are conveniently located for Arkansas growers. **Additional lab locations can be found at the [US Water Testing Lab Map](#) webpage and on our fact sheet, [Bacterial Water Sample Collection and Submission to a Water Quality Lab for Compliance with the Food Safety Modernization Act's Produce Safety Rule](#).** Make sure that the lab uses [FDA FSMA PSR alternative methods](#) which are also found in [Microbial Water Quality Profile \(MWQP\): Alternative Laboratory Methods](#).

Make sure to request the method that provides numerical results (in CFU/100 mL or MPN/100 mL) for the analysis of your production water used during the growing season for activities such as irrigation, fertigation, foliar sprays, and frost protection.

UofA DIVISION OF AGRICULTURE
RESEARCH & EXTENSION
University of Arkansas System



**LOCAL, REGIONAL
& SAFE FOODS**



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**ARKANSAS WATER
RESOURCES CENTER**

Arkansas Water
Resources Center
(AWRC) - Water Quality
Laboratory (WQL)

Don Tyson Center for
Agricultural Sciences
1371 W. Altheimer Drive
Room 133
Fayetteville, AR 72704

479-502-9843

awrcwql@uark.edu

<https://arkansas-water-center.uark.edu/water-quality-lab.php>

Standard Methods
9223 B IDEXX
Colilert Test Kit with
Quanti-Tray/2000

\$23
credit card preferred;
check allowed



Arkansas Department
of Health (ADH) - Water
Microbiology Laboratory

4815 W. Markham St.
Little Rock, AR 72205

501-661-2218

adh.lab@arkansas.gov

<https://www.healthy.arkansas.gov/programs-services/topics/milk-and-water-testing>

Standard Methods
9223 B IDEXX
Colilert Test Kit
with Quanti-Tray/2000

\$17
check preferred;
cash allowed



Waypoint Analytical
Tennessee, Inc.,
Memphis Office

2790 Whitten Rd.
Memphis, TN 38133

901-213-2400

supportjtn@waypoint
analytical.com

<http://waypointanalytical.com/>

Standard Methods
9223 B IDEXX
Colilert Test Kit with
Quanti-Tray/2000

\$50
check or credit card
preferred; cash allowed

CHEM LAB, Inc.
ANALYTICAL SERVICES

Chem Lab, Inc.
Analytical Services

4210 Wheeler Ave.
Fort Smith, AR 72901

479-646-1585

labchem@aol.com

N/A

Hach Method 10029
for Coliforms – Total
and *E. coli*, using m-Coli
Blue 24 Broth PourRite
Ampules

\$45 per sample +
\$35 processing fee
cash, check, or credit
card (Master card)

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For more information, please contact the Local, Regional, and Safe Foods team at 501-671-2226.